

MIT Walks Out Against War

By Nathan Collins, Brian Loux,
and Keith J. Winstein
STAFF REPORTERS

Several hundred MIT students joined more than a thousand Boston-area students in a march to Government Center yesterday to protest the war in Iraq.

The day of protest began at 11:30 a.m., when a stream of people left their classes to protest on the Student Center steps.

The walkout, planned for weeks, appeared to go smoothly. Professor Alexander H. Slocum, teaching Design and Manufacturing I (2.007) in 26-100, announced at 11:30 a.m. that he would stay to answer students' questions but that anybody would be permitted to leave. Most of the class then left, but it was unclear how many left to protest and how many simply left. In MIT's other main lecture hall, 10-250, only a few students appeared to leave Circuits and Electronics (6.002) at 11:30 a.m.

Speakers address protest crowd

At the Student Center, a lengthy roster of speakers addressed a dense crowd of five or six hundred at noon.

Anthropology Professor Hugh Gusterson said that President George W. Bush wanted to create "an American empire." He complained that the present war largely served oil interests.

Urban Studies and Planning Professor Balakrishnan Rajagopal took



NATHAN COLLINS—THE TECH

A mass of anti-war protesters surges down Boylston Street yesterday waving signs. The march included over 2,000 students from area colleges including MIT.

up legal concerns. "There is no question the U.S. action has trashed international law," he said, but the larger issue is that the U.S. has

defied the charter of the United Nations, part of the law of the United States.

The protest then died down as

participants paused to make signs for the upcoming march.

"Think. It's patriotic," read one sign. "If you can't pronounce it,

don't bomb it," another said. "Give Bush the tush," said a third. A few

War, Page 10

Students Petition Against TEAL

By Lauren E. LeBon
ASSOCIATE NEWS EDITOR

MIT has been quick to sing the praises of the Technology Enabled Active Learning version of 8.02, but more than 150 students are humming a different tune.

A petition submitted to the physics department Wednesday asks MIT to halt the proposed expansion of the program, questioning its efficacy.

Juliana D. Olmstead '06 started the petition. "I got fed up and thought 'why isn't anyone doing something about it?' so I decided that I might as well," Olmstead said.

The statement reads: "8.02 TEAL does not provide us with the intellectual challenge and stimula-

tion that can be expected from a course at MIT.

"We feel that the quality of our education has been compromised for the sake of 'trying something different.' We strongly advise that the traditional 8.02 course be reinstated as soon as possible. 8.02 TEAL could remain as an option, which will give TEAL an opportunity to evolve. However, it should not be forced upon the majority of the student body."

Petitioners seek other options

The petition suggests that the TEAL version of 8.02 remain as an option, but that it not be imposed on the freshman class. In addition, the

petition advises the physics department not to expand the TEAL program to 8.01, as has been planned.

Olmstead explained that the final version of the petition did not list specific grievances since different students may have different complaints. Olmstead wanted to write something that "everyone would agree with."

"I started to list things, but I realized if I tried to list everything, it'd be a five-page-long essay," Olmstead said. "Basically, it's just saying, 'wake up, physics department.'"

Lewin supports old 8.02 format

Physics Professor Walter H.

TEAL, Page 17

CMI Applications Down 37 Percent

By Jenny Zhang
ASSOCIATE NEWS EDITOR

MIT applications to the Cambridge-MIT Institute exchange program for the 2003-2004 school year have decreased markedly from last year.

Margaret S. Enders, associate dean of curriculum support, said that there are currently 33 potential candidates for attending Cambridge University, compared with 52 at this time last year. CMI is a full-year exchange program for third-year undergraduates.

"It is hard to know for sure why [there is a drop], but my impression is that based on experience, the departments are setting a pretty high bar, and the international situation puts a little damper on enthusiasm," said Robert P. Redwine, dean for undergraduate education.

Interest varies course to course

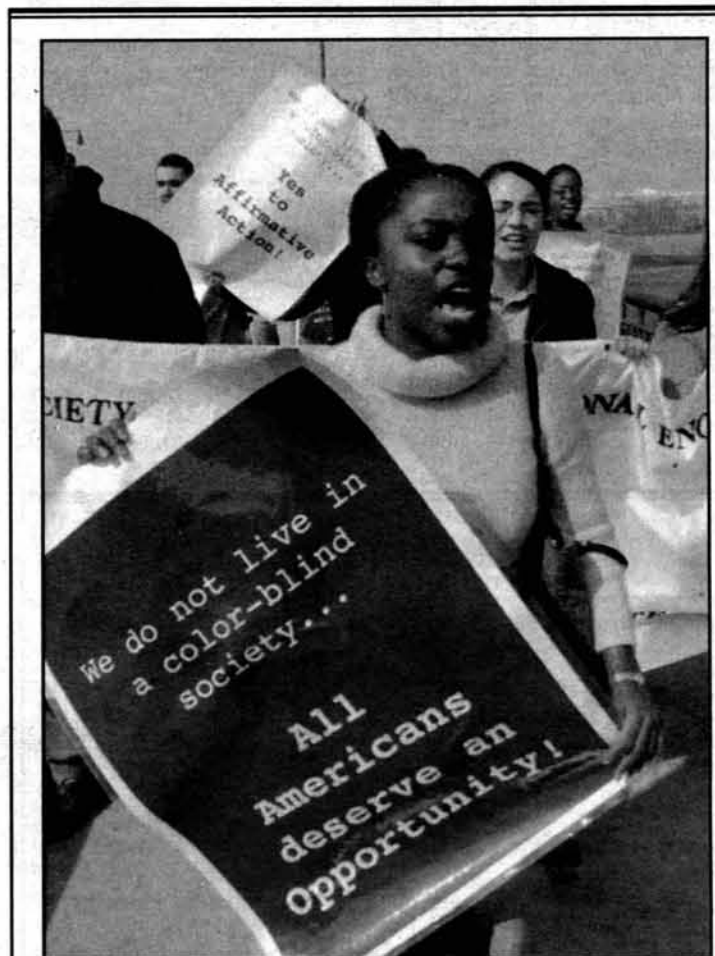
CMI exchange students are chosen within individual departments during the sophomore year. Some departments have seen their applica-

tion numbers remain fairly constant while others have seen large changes.

Professor Haynes R. Miller said that the number of mathematics department CMI exchange students has remained consistent, with three sent last year and around the same number anticipated to be sent this year out of six candidates.

On the other hand, the Electrical Engineering and Computer Science department will be sending fewer

CMI, Page 15



NATHAN COLLINS—THE TECH

Ayanna T. Samuels G joined 25 others in a march across the Harvard Bridge Tuesday in support of affirmative action. On April 1, the Supreme Court will hear oral arguments in the University of Michigan affirmative action case.

The Tech will not publish during spring break. We will resume regular publication on April 1. Have a relaxing and happy vacation.

I NEED TO FIND A SUMMER INTERNSHIP!



Comics.

Page 12



The Tech's arts staff previews the 2003 Oscars.

Page 6

World & Nation 2
Opinion 4
Arts 6
Features 7
Events Calendar 19

WORLD & NATION

Protesters Take to Streets In 500 U.S. Cities

THE WASHINGTON POST

SAN FRANCISCO

The day after war began, anti-war protesters here and across the country took their anger and dismay to the streets, from rallying and marching to blocking intersections, paralyzing traffic and getting arrested.

Peace vigils and rallies took place in approximately 500 cities nationwide and in hundreds of cities worldwide. There were marches and demonstrations from Palm Springs, Calif., to Palm Beach, Fla., from Iceland to Indonesia. Thousands of protesters in scores of cities throughout this nation also made good on their promise to engage in mass civil disobedience and disrupt business as usual the morning after President Bush ordered the attack on Iraq to begin.

In Philadelphia, 100 protesters were arrested Thursday after blocking the entrances to the downtown federal building. In New York, more than 300 protesters converged on Times Square at the Thursday afternoon rush hour, blocking traffic.

Everywhere, dissenters made their presence known. In Cambridge, Mass., students and faculty members at MIT, Harvard, and other area schools walked out to protest the start of war, as they did in universities and high schools in dozens of cities. About 200 students at the University of California at Berkeley staged a sit-in Thursday afternoon after a protest of more than 1,500 and teachers.

Researchers Make Progress On Mysterious Virus

THE WASHINGTON POST

The World Health Organization Thursday said researchers were close to identifying the cause of a new, mysterious and sometimes fatal respiratory disease that surfaced in Asia.

"WHO is increasingly optimistic that conclusive identification of the causative agent can be announced soon," the Geneva-based United Nations agency said in an update. "Highly specialized testing of specimens from patients ... continues at top speed in top labs."

The leading suspect is a microbe in a family of viruses known as paramyxoviruses. Several labs have found evidence of a paramyxovirus in samples from patients stricken by the disease, known as severe acute respiratory syndrome, or SARS.

Paramyxoviruses are a large family of viruses that includes those that cause measles and mumps, as well as the Nipah and Hendra viruses, animal-borne viruses that can cause dangerous respiratory illnesses.

GOP Ahead of Democrats In Fundraising with New Rules

THE WASHINGTON POST

WASHINGTON

The major Republican Party campaign committees have surged ahead of their Democratic counterparts, raising four times as much money in a clear sign that the GOP is thriving under the new campaign finance law known as McCain-Feingold.

In January and February, the Republican national, senatorial and House campaign committees raised a combined \$38.5 million, according to disclosure reports. The Democratic committees raised \$9 million.

"This is a big advantage," said Michael Malbin, head of the nonpartisan Campaign Finance Institute. "The question now is whether the (Democrats) will have the time (to narrow the gap) now that the public's attention is not focused on politics, but on the war."

In recent years, the national party committees have played important roles in presidential and congressional elections. They help recruit candidates, poll voters, conduct opposition research, run ads and provide staff.

U.S., Britain Push Into Iraq Following Artillery Barrage

By Rajiv Chandrasekaran
and Susan B. Glasser

THE WASHINGTON POST

KUWAIT CITY

U.S. and British ground forces punched into Iraq across a broad front Thursday night after a thunderous artillery barrage, seizing territory along the Kuwaiti border with only modest resistance and pushing on toward the key southern city of Basra. While the sweeping land invasion began under a hazy desert moon, a second torrent of U.S. cruise missiles destroyed several buildings in Baghdad.

The long-awaited ground war started a day earlier than planned because of President Bush's decision to launch the "decapitation" attack on the Iraqi leadership early Thursday morning, U.S. officers said. Although the invasion was clearly underway after months of buildup, U.S. defense officials characterized the first movements as battlefield preparation, laying groundwork for a much more massive push toward President Saddam Hussein's headquarters in the Iraqi capital.

In strikes designed to weaken Iraq's leadership, 24 Tomahawk missiles were launched Thursday

night against Baghdad-area strongholds of the Special Republican Guard, Iraq's most elite military unit; the grounds of Saddam's main Presidential Palace; and offices used by Deputy Prime Minister Tariq Aziz. They added to a 36-missile volley early Thursday morning aimed at Saddam and his top lieutenants.

Iraq retaliated by firing back at the U.S. invasion force assembled in Kuwait, sending missiles southward intermittently throughout the day and into the night. U.S. Patriot antimissile batteries intercepted at least two. Soldiers and Kuwaiti civilians alike repaired repeatedly to shelters, but no casualties were reported.

The ground assault began with a massive burst of 155-mm artillery, mortar and multiple rocket fire that rumbled for hours across northern Kuwait, shaking houses miles away and prompting eager U.S. soldiers to cheer as the shells flew overhead.

Soldiers from the Army's 3rd Infantry Division poured across the border around 8 p.m. local time (noon EST) at the westernmost edge of the advance. To the east, the Marine 1st Expeditionary Force

moved about the same time to seize control of and protect Iraq's southern oil fields, where several wells were reported to be ablaze. At the eastern edge of the invasion arc, on the swampy Faw peninsula, U.S. Navy and British commandos seized oil shipping and pumping facilities along the Persian Gulf.

Senior Marine officers reported ineffective resistance and no American casualties. But while the regular Iraqi army units defending southern Iraq have been described as weak and prone to giving up, they did not appear to be laying down their arms en masse at the initial contact. Front-line units reported engaging a unit of Iraqi infantry and tanks; officers said the clashes killed six Iraqi soldiers.

"Right now they're fighting, not surrendering," a senior Marine officer said.

U.S. forces did not detect the use of chemical or biological weapons by Iraqi units, officers said, but they nevertheless forged into Iraq wearing their full protective suits and toting gas masks. Similarly, the handful of Iraqi missiles fired into Kuwait carried conventional warheads, officials in Kuwait reported.

FBI Launches Global Manhunt For Suspected Saudi Terrorist

By Dan Eggen
and Manuel Roig-Franzia

THE WASHINGTON POST

The FBI launched a global manhunt Thursday for a suspected Saudi-born al-Qaida member who is feared to be planning terrorist attacks, even as federal agents fanned out across the country as part of a wartime plan to interview Iraqi nationals and arrest those in violation of immigration laws.

The FBI called Adnan El Shukrijumah, 27, an "imminent threat to U.S. citizens and interests" who is "suspected of planning terrorist activities." One senior law enforcement official described him as a possible terror organizer in the style of Mohammed Atta, the ringleader of the Sept. 11, 2001 attacks, but

authorities said they have no details on what kind of plot he might be involved in.

An alias used by El Shukrijumah "kept coming up in numerous places," including interrogations of captured al-Qaida lieutenant Khalid Sheikh Mohammed, one official said. El Shukrijumah is believed to have a connection, as yet unclear, to Jose Padilla, the American-born al-Qaida suspect held on charges he was plotting to explode a radiological bomb in the United States.

U.S. authorities also recovered a document that links an alias used by Shukrijumah to the same Oklahoma flight school where Zacarias Mousaoui, the only person in the United States charged as a conspirator in the Sept. 11, 2001 attacks, studied

aviation, one official said. There is no evidence, however, that El Shukrijumah received pilot training in the United States, the official said.

As the U.S. invasion of Iraq began Thursday, FBI agents launched their effort to interview about 11,000 Iraqi nationals around the country in search of intelligence tips, while officers from the Bureau of Immigration and Customs Enforcement arrested others who were in violation of immigration laws. Authorities refused to reveal how many Iraqi nationals were taken into custody, but said they were concentrated among sizable Iraqi communities in Detroit, Los Angeles, Miami, Houston, Boston and San Diego, one immigration official said.

WEATHER

A New Season

By Robert Lindsay Korty
STAFF METEOROLOGIST

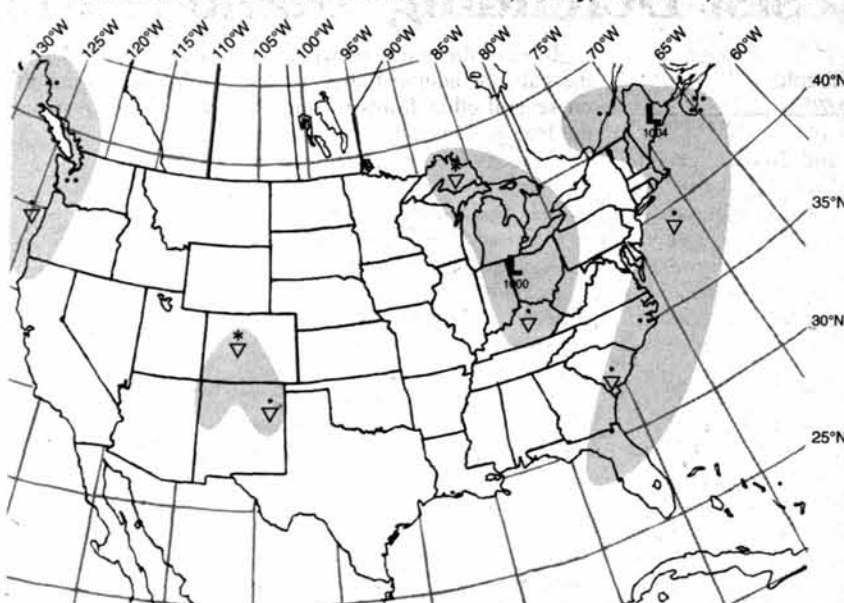
Sometimes, we need a sure thing. On Monday the temperature topped 60°F (15°C) for the first time in months. (It was that warm last on December 20, fittingly the day before winter began.) The ice on the river is thinning daily, and within the week the Charles should be ice free. The vernal equinox occurred last night, and from now until September, there is more light each day than darkness. In a world filled with such uncertainty, it's a small comfort to know that a warmer, more tranquil season is coming.

The winter that just ended was harsh. There was a much larger than normal amount of snow, keeping at least spotty snow banks on the ground from December through this week. Multiple outbreaks of Arctic air combined to produce a winter that was cooler than average, much colder than the past few.

Weekend Outlook

Today: A mild, sunny afternoon. High 62°F (16°C).
Tonight: Scattered showers late. Low 40°F (4°C).
Saturday: Mostly cloudy. High 55°F (13°C), low 39°F (4°C).
Sunday: Overnight showers, otherwise partly cloudy and cooler. High 50°F (10°C).

Situation for Noon Eastern Standard Time, Friday, March 21, 2003



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow *	Fog
L Low Pressure	— Warm Front	Light *	Thunderstorm
S Hurricane	▲▲▲ Cold Front	Moderate **	Haze
	▲▲ Stationary Front	Heavy ***	

Compiled by MIT
Meteorology Staff
and The Tech

House, Senate Heading Toward Showdowns Over Tax Proposals

By Helen Dewar
and Juliet Elperin
THE WASHINGTON POST

WASHINGTON

The House and Senate Thursday night advanced toward separate showdowns over President Bush's proposal to cut taxes by \$726 billion over 10 years, with the White House facing a particularly serious bipartisan challenge in the Senate.

The House, where Republicans hold 24 more seats than Democrats, appeared on track for late-night approval of a budget bill that would accommodate the president's tax-cut plan, the heart of his domestic agenda. Prospects were much less certain in the narrowly divided Senate, where Bush's tax proposal has been on thin ice since its introduction earlier this year.

His plan will face its toughest test in a Senate vote expected Friday, as moderates of both parties — with support from Democratic leaders — are pushing to shave the tax-cut package to \$350 billion. Senators predicted a close vote, with the

outcome hinging on decisions by one Republican (Lincoln Chafee of Rhode Island) and several Democrats who oppose any tax cuts, especially in wartime.

Chafee has indicated he may support the proposal, but one or more Democrats were resisting Thursday night. Party colleagues had urged the wavering Democrats to support the \$350 billion proposal as the only viable alternative to Bush's much larger tax-cut plan.

Anyone who votes against the moderates' proposal is "voting for a \$726 billion tax cut," Sen. John Breaux, D-La., said as he introduced the measure on the Senate floor. If all the undecided votes break their way, the moderates can win, Breaux told reporters. Also spearheading the effort to halve Bush's tax cut were Sens. Olympia Snowe, R-Maine, George Voinovich, R-Ohio, and Max Baucus, D-Mont.

The House and Senate budget resolutions will set overall limits on revenues and expenditures, leaving

final tax and spending decisions to legislation enacted later in the year. But an early vote to slash the size of the tax cut could slow momentum for Bush's entire domestic agenda.

In the House yesterday, Republicans and Democrats debated a GOP tax-and-spending plan that backers claimed would balance the federal budget over nine years — an assertion Democrats hotly rejected.

Republican leaders said their plan — which would retain all of Bush's \$726 billion tax cut while imposing spending cuts in environmental, educational, agricultural and poverty programs — would give lawmakers a realistic road map for years to come. Lawmakers expected to vote on the plan late last night or early this morning.

But Democrats said the GOP plan would drive the federal deficit even higher, by draining revenues and ignoring costs of the war with Iraq. They said it was reckless to cut taxes deeply when the economy was struggling and the military budget growing.

U.S. Troops Launch New Assault On al-Qaida, Taliban in Mountains

By Marc Kaufman
and Jonathan Weisman
THE WASHINGTON POST

BAGRAM AIR BASE, AFGHANISTAN

U.S. officials launched a new assault on caves and potential hideouts in the mountains of southern Afghanistan early Wednesday after intelligence reports suggested high-ranking members of al-Qaida and the Taliban could be in the area, U.S. officials said.

About 600 U.S. troops were participating in the operation in the remote, arid region — the third major operation in the area in the past two months.

U.S. officials declined to say whether al-Qaida leader Osama bin Laden is among the targets of the operation, but a Pentagon official in Washington said intelligence indicates al-Qaida and Taliban fighters in the area of the operation have communications equipment, considerable firepower and some degree of organization. That means there could be leadership elements in the cave complexes being searched.

"We're trying to get the leadership," the official said. "Somebody's going to tie us in and tell us where they are." The official also said that while the operation is similar to attacks over the past two months,

"you're pulling a whole lot of forces into a concentrated area."

The offensive consisted of an early morning assault by troops ferried in by helicopter and a ground convoy to the Sami Ghar mountains 100 miles east of Kandahar, according to a military spokesman, Col. Roger King.

There were no reports tonight of combat or casualties among U.S. troops or rebel fighters, King said.

Defense Secretary Donald Rumsfeld and Air Force Gen. Richard Myers, chairman of the Joint Chiefs of Staff, said the assault was not timed to coincide with the war with Iraq or meant to counter critics who say the Iraqi campaign will divert military attention from the war on terrorism.

But, Rumsfeld added, the attack on Iraq "isn't taking anything away from the war against al-Qaida."

The attack was focused in the Maruf district of Kandahar province, according to Khalid Pashtun, a spokesman for the Kandahar provincial government. U.S. forces and their Afghan allies had suspicions about activities in at least three different villages in the mountainous region, where inhabitants have tribal links to the former leader of the Taliban, Mohammad Omar.

The troops involved are elements of Special Forces and the 82nd Airborne Division's 504th Parachute Infantry Regiment, known as the White Devils, King said. The soldiers were airlifted by helicopter into the region and deployed to surround the suspected militants. Additional support staff was to arrive by truck convoy.

Among the sources of information the military was acting on, King said, was the interception of radio transmissions, possibly from caves in the Sami Ghar mountains. He said that attacking and clearing the caves was a key part of the mission.

The commander of coalition troops in Afghanistan, Lt. Gen. Dan McNeill, said last week that he was planning a busy spring, with assaults in many areas of southern and eastern Afghanistan. Afghan rebels historically have mounted their own campaigns in the spring, and the increased activity by coalition troops is an effort to disrupt their plans and ability to regroup.

Since late January, coalition forces, which number about 11,000 in Afghanistan, have also staged assaults in the area north of Spin Boldak, in Kandahar province, and in the Baghran Valley in Helmand province.

Officials Pressure Iraqi Commanders To Resist Defending 'Doomed Regime'

By Dan Balz
and Dana Milbank
THE WASHINGTON POST

WASHINGTON

As U.S. and British ground forces moved into southern Iraq, Bush administration officials on Thursday pressured Iraqi military commanders to resist defending President Saddam Hussein's "doomed regime" and warned that full-scale war will trigger an air and ground assault involving force never seen in the history of warfare.

"The days of the Saddam Hussein regime are numbered," said Defense Secretary Donald Rumsfeld.

President Bush, after a meeting with his Cabinet, praised the "great skill and great bravery" of the military forces operating in the Persian Gulf and emphasized that more than 40 nations support the war in some form or another. U.S. officials went to great lengths to try to knock down criticism that the operation represents a largely unilateral action.

Beyond the action underway in the gulf, the administration moved on several other fronts to squeeze the Iraqi regime and protect American citizens from a possible retaliatory terrorist attack.

FBI agents moved aggressively to round up Iraqi nationals who are violating immigration laws and stepped up surveillance of those believed to be sympathetic to either Saddam or terrorist leader Osama bin Laden.

The agency also initiated a global manhunt for a Saudi-born man suspected to be a member of the al-Qaida terrorist network who they believe may be planning new terrorist attacks, describing Adnan El Shukrijumah, 27, as a possible al-Qaida member "suspected of planning terrorist activities" against the United States and an "imminent threat."

The president issued an executive order designed to seize \$1.5 billion in Iraqi government assets that were frozen in 1990 after Iraq

invaded Kuwait. Treasury Secretary John Snow said the funds, along with another \$600 billion in Iraqi assets frozen by Britain and 10 other countries, would be used to help finance the reconstruction of Iraq once the war is over. Snow said the United States also would seek an estimated \$6 billion that government officials believe Saddam and his family have obtained illegally and put in concealed accounts.

The State Department expelled four Iraqi diplomats and made an unusual appeal to other nations that formal relations with the regime to kick out Iraqi diplomats. A State Department spokesman said the United States wanted to pave the way for new Iraqi representatives to take up posts around the world once an interim government is in place after the war.

The start of the war set off huge anti-war protests overseas and demonstrations in about 500 cities across the country.

Turkey Lawmakers Open Airspace For Strikes on Iraq

LOS ANGELES TIMES

ANKARA, TURKEY

After months of national debate, a sharply divided Parliament authorized the government Thursday to open Turkey's airspace for U.S.-led military strikes on Iraq, giving this NATO-member country a minimal role in the effort to oust Saddam Hussein.

The decision was expected to yield considerable benefit for the bombing campaign that was begun hours earlier. A senior military official in Washington said the overflight rights would make it easier for U.S. warplanes to fly into Iraqi airspace undetected and attack northern Iraq, preventing Saddam from concentrating all his military might to deter forces advancing from the south and west.

In the same vote, Parliament approved a government plan to send two Turkish army brigades to Kurdish-controlled northern Iraq to protect Turkey's interests there. In doing so, lawmakers ignored warnings by the Bush administration that such an incursion could lead to clashes between Turkish and Kurdish forces.

Parliament's action did little to heal a rift with Washington. U.S. State Department spokesman Richard Boucher welcomed the vote granting airspace rights, but said the United States remained "opposed to unilateral action by Turkey or by any party in northern Iraq."

Experts Debate Whether Man on Videotape Was Saddam

LOS ANGELES TIMES

WASHINGTON

So was that Saddam Hussein? Or was it his secret "double" who appeared on TV to mock the U.S. president as "the criminal little Bush" shortly after the war began in Iraq?

Experts at the Pentagon, the CIA, the State Department and other U.S. agencies scrambled Thursday to analyze the mustachioed man's earlobes, his thick glasses, his voice and speech patterns, his mouth movements, the folds of his military uniform, the way he sat, even his badly dyed hair.

"It's still an open question," a U.S. intelligence official said Thursday night. "There's doubt. We just don't know."

U.S. officials say Saddam has trained and used eight doubles over the years to impersonate him at public events and other occasions where he fears there could be an assassination attempt. They said it might take several days to determine if Saddam really appeared on the tape.

Iraq's state-run television network broadcast what it said was Saddam giving a rambling speech early Thursday, shortly after U.S. forces attacked a suburban Baghdad residence where the CIA believed the Iraqi leader, his sons, and his chief aides were hiding.

U.S. officials said they weren't sure whether Saddam had survived the barrage of cruise missiles and 2,000-pound "bunker buster" bombs. The tape isn't proof, since Saddam could have recorded it before the assault.

Investigators Hope Flight Recorder Sheds Light on Shuttle Breakup

THE WASHINGTON POST

NASA officials said Thursday that the exterior of the flight data recorder that was recovered Wednesday near Hemphill, Texas, is in remarkably good condition — raising hopes that its contents will provide clues to the cause of the fiery breakup of the space shuttle Columbia on Feb. 1.

NASA engineers at the Johnson Space Center in Houston spent the day poring over the black metal box — which looks much like a VCR with wires dangling from the back — and began devising a protocol for extracting vital information on the aerodynamic pressure, temperature and vibrations aboard the orbiter during its final minutes.

"The good thing was that it was recovered fully intact," said Glenn Mahone, NASA's assistant administrator for public affairs. "We, like the (investigative) board, are excited and ready to see what the recorder is ready to reveal, if anything."

Tyrone Woodyard, a spokesman for the Columbia Accident Investigation Board, said that "The box looks like it's in pretty good condition from the outside, but we're concerned that it went through an intense heating process as it came back. We hope it didn't sustain any significant heat damage. Everyone is cautiously optimistic this will provide us with some key information."

NASA officials said they won't know until late next week at the earliest whether engineers are successful in retrieving data from the recorder's tape. On Thursday engineers cleaned the instrument, but rather than playing it back normally, they intend to develop a special testing scheme for salvaging the data.

Rescuers Save Man On Edge of Niagara Precipice

LOS ANGELES TIMES

NEW YORK

There was a moment when Kevin Caffery, at the controls of the rescue helicopter, locked eyes with the man desperately struggling to keep from being swept over Niagara Falls. "My partner and I were sure this poor guy was going over," said Caffery, a captain in the Erie County Sheriff's Department.

And then, incredibly, as the man slipped, he was able to grab onto yet another rock in the icy water. He was only a foot from the edge of the falls and pleading, "Please, please don't lose me," when he was saved.

The 48-year-old man, whom authorities declined to identify, had slid down an icy slope into the water. He was reported to be in stable condition Thursday at the Niagara Falls Medical Center, where he was being treated for severe hypothermia.

After the rescue, which took almost two hours Wednesday night, many of the 50 people who participated in the effort hugged each other and cheered.

OPINION



Chairman
Jyoti Tibrewala '04

Editor in Chief
Jennifer Krishnan '04

Business Manager
Ian Lai G

Managing Editor
Joy Forsythe '04

NEWS STAFF

News and Features Director: Keith J. Winstein '03; **News Editors:** Nathan Collins G, Christine R. Fry '05; **Associate Editors:** Lauren E. LeBon '06, Kathy Lin '06, Beckett W. Sterner '06, Marissa Vogt '06, Jenny Zhang '06; **Staff:** Harold Fox G, Naveen Sunkavally G, Dan Cho '02, Jeffrey Greenbaum '04, Vicky Hsu '04, Richa Maheshwari '04, Flora Amwayi '05, Vincent Chen '05, Aaron Du '05, Sam Hwang '05, Amerson Lin '05, Jing-Helen Tang '05, Qian Wang '05, Tiffany Kosolcharoen '06, Lakshmi Nambiar '06, Jennifer Wong '06; **Meteorologists:** Samantha L. H. Hess G, Robert Lindsay Korty G, Greg Lawson G, Nikki Privé G, William Ramstrom G, Michael J. Ring G, Efrén Gutierrez '03.

PRODUCTION STAFF

Editors: Joel Corbo '04, David Carpenter '05; **Associate Editors:** Hangyul Chung '05, Sie Hendrata Dharmawan '05, Nicholas R. Hoff '05, Kevin Chen '06, Tiffany Dohzen '06; **Staff:** Eric J. Cholanteril G, Anju Kanumalla '03, Andrew Mamo '04, Albert Leung '06, Jolinta Lin '06, Jonathan Reinhardt '06.

OPINION STAFF

Editors: Ken Nesmith '04, Andrew C. Thomas '04; **Columnists:** Philip Burrows '04, Vivek Rao '05; **Staff:** Basil Enwegbara G, Kris Schnee '02, Gretchen K. Aleks '04, Roy Esaki '04, Stephanie W. Wang '04, Tao Yue '04, W. Victoria Lee '06.

SPORTS STAFF

Editors: Jennifer DeBoer '05, Tom Kilpatrick '05; **Columnist:** O.B. Usmen '03.

ARTS STAFF

Editors: Jeremy Baskin '04, Allison C. Lewis '04; **Associate Editors:** Daniel S. Robey '04, Kevin G. Der '06; **Staff:** Erik Blankinship G, Bence P. Olveczky G, Sonja Sharpe G, Amandeep Loomba '02, Bogdan Fedeles '03, Sonali Mukherjee '03, Jed Horne '04, Pey-Hua Hwang '04, Devdoot Majumdar '04, Chad Serrant '04, Julie J. Hong '05, Jorge Padilla '05, Ricky Rivera '05.

PHOTOGRAPHY STAFF

Editors: Brian Hemond '04, Jonathan Wang '05, Noel Davis '06; **Associate Editors:** Daniel Bersak '02; **Staff:** Regina Cheung G, Jinyang Li G, Michelle Povinelli G, Dong Wang G, Xiaowei Yang G, Stanley Hu '00, Yi Xie '02, Wendy Gu '03, Scott Johnston '03, Marissa L. Yates '03, Miguel A. Calles '04, Nina Kshetry '04, Dalton Cheng '05, Annie Ding '05, Michael Lin '05, Timothy Suen '05, Amy L. Wong '05, Hassen Abdu '06, Matt D. Brown '06, John M. Cloutier '06, Victoria Fan '06, Jina Kim '06, Melanie Michalak '06, Edward Platt '06, Omoleye Roberts '06, Sandra Yu '06, Elizabeth Zellner '06, Jean Zheng '06.

FEATURES STAFF

Editor: Eun J. Lee '04; **Associate Editors:** Brian Loux '04, Veena Ramaswamy '06, Ricarose Roque '06; **Columnists:** Akshay Patil '04, Michael Short '05; **Cartoonists:** Jason Burns G, Kailas Narendran '01, Bao-Yi Chang '02, Jumaane Jeffries '02, Lara Kirkham '03, Alison Wong '03, Sean Liu '04, Nancy Phan '05, Jennifer Peng '05, Josie Sung '05.

BUSINESS STAFF

Staff: William Li '06.

TECHNOLOGY STAFF

Director: Roshan Baliga '03; **Staff:** Frank Dabek G, Kevin Atkinson '02, Daniel Leeds '05.

EDITORS AT LARGE

Senior Editors: Aaron D. Mihalik G, Sandra M. Chung '04.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, V. Michael Bove '83, Barry Surman '84, Robert E. Malchman '85, Deborah A. Levinson '91, Jonathan Richmond PhD '91, Vladimir V. Zelevinsky '95, Anders Hove '96, Saul Blumenthal '98, Joel Rosenberg '99, Ryan Ochylski '01, Satwiksai Seshasai '01, Rima Amaout '02, B. D. Colen.

PRODUCTION STAFF FOR THIS ISSUE

Editors: Joy Forsythe '04, David Carpenter '05; **Associate Editors:** Jyoti Tibrewala '04, Sie Hendrata Dharmawan '05, Nicholas Hoff '05, Kevin Chen '06.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$4.00 per year. Third Class postage paid at Boston, Mass. Permit No. 1. POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial; (617) 258-8329, business; (617) 258-8226, facsimile. Advertising, subscription, and reprinting rates available. Entire contents © 2003 The Tech. Printed on recycled paper by Charles River Publishing.



"COULD I INTEREST YOU IN A LENGTHY U.N. DEBATE ON THE DEFINITION OF 'SUNDOWN' ??"

Letters To The Editor

On The Walkout

I am disappointed with the editorial board's decision to regard an MIT anti-war Walkout as a form of "destruction" antithetical to ideals of "reason." A walkout may be inconvenient for some, but it certainly is not "destructive." "Destruction" is what will be experienced by the Iraqi people over the days and weeks ahead and what we who live in America might suffer as a predictable consequence of a war allegedly being waged to ensure our security. If the editors regard their education and their ideals of "reason" so fragile that they might be destroyed by a one day walkout, then perhaps they should spend less time discussing and writing ill-conceived editorials and more time in their respective labs, libraries, and Athena clusters.

Daniel Munro G

More Theater Coverage

After four years of being an active member of the MIT theater community, I can't help but notice that the Arts section's coverage of campus theatrical productions has nosedived over the last several terms.

When I first came to MIT, a majority of the plays and musicals on campus received

reviews, often providing much-needed publicity for second-weekend performances. This year, however, *The Tech* seems to have decided that running a page of photos with vague captions is an adequate substitute for saying something substantial about a show. In particular, MTG's *High Society* and every Dramashop and Community Players show this year have gone unreviewed. I suspect from today's *Antony and Cleopatra* photo spread that this show will be the next journalistic

casualty.

On the other hand, *The Tech* recently ran an extensive review of *Flower Drum Song*, a Broadway production that is not easily accessible to MIT students. In the future, I urge *The Tech*'s arts reviewers to think a little less about shows that are 200 miles away, and to put a little more effort into making the two-minute walk from the *Tech* office to Kresge.

Dan Katz '03

Errata

A classical review ["Drilling for Gold at the Wind Ensemble"] in Tuesday's issue (mis-labeled "Friday") referred incorrectly to Professor Evan Ziporyn's piece "Drill." The composition has not been lengthened since its premiere a year ago. It remains one movement long.

Another article Tuesday ["MBTA Proposes 25¢ Fare Hike for Bus, Subway"] referred incompletely to a September 2000 MBTA fare increase. Subway fares increased 18 percent, to a dollar from 85 cents, and bus fares increased 25 percent, to 75 cents from 60.

The same article also misstated the subway fare for New York City. It is currently \$1.50, not \$2. (The fare will rise to \$2 on May 4.)

An article last week ["Faculty Unsure on Anti-War Walkout," March 11] referred incorrectly to a *New York Times* advertisement voicing opposition to a war in Iraq. It was placed by Professor Joshua Cohen, not by the staff of the publication *Boston Review*, which Cohen co-edits. *Boston Review*'s participation was limited to publishing the list of 14,000 intellectuals who endorsed the advertisement.

Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, opinion editors, and an arts editor.

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures,

addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu. *The Tech* can be found on the World Wide Web at <http://the-tech.mit.edu>.

So It Has Come To This

Andrew C. Thomas

The moment could be felt as far away as a year ago, but I doubt anyone could have predicted the power of the moment. President Bush, after a great deal of drawn-out debate, officially signed the measure and pulled the trigger. Conflict has officially begun (widened, really, since smaller-scale conflict in Iraq has been ongoing for 12 years). And the impact is already being felt all over the world.

Yesterday a large gathering of MIT community members watched in excitement as a mob walked down Massachusetts Avenue; the parade marched in lock step, to the beat of makeshift drums. Anyone who woke up before noon knew what the protest was about, though in comparison to other rallies, the event itself actually seemed unremarkable as it passed through the MIT campus.

The protesters, and many who did not walk with the mob yesterday, clearly realize the severe moral issues that surround this conflict. Most chose to locate the sources of these issues directly in the Oval Office, questioning the leadership of President Bush. I fear that they are symptoms of a bigger problem.

If I may be allowed to oversimplify, the geopolitical problem is simple: In matters of foreign policy, America is a 6-year-old boy (and an overly large one at that). He sees what it wants and grabs for it, with little concern for long-term consequences, because he's bigger than the other kids on the playground.

In hindsight it seems inevitable that America decided not to act through the United Nations. America has a strong trend of ignoring large international movements. The Kyoto Accord, the International Criminal Court, and the Geneva Convention, just to name a few, were all swept aside with disdain by the Bush Administration when circumstances suited its needs. Small wonder that other countries are feeling

bullied by the policies of this government.

Did Colin Powell seriously believe that he could single-handedly convince the rest of the world that the Bush Administration wanted their input? I wanted to believe he could, as did many others, but I also wanted to believe that this dialogue would be a two-way process. Neither side seemed willing to discuss, simply to reiterate their tired positions; a compromise proposed by Canadian representatives to the United Nations (which essentially called for a deadline delayed by two weeks) was brushed aside.

Certainly, the world had other options; if the issue was simply about banned weaponry, a weapons inspection program 100 times bigger would surely have accomplished that result, with a much friendlier price tag. If there has been one point the government has proven by omission, the issue is not terrorism. There are many different motives for this conflict — among others, oil and water seem viable at this point — but in order to proceed with even a shred of legitimacy, Mr. Bush needed a real selling point for this conflict. And it appeared, quite ironically, as a humanitarian cause.

The goal to free the people of Iraq from oppression is, I believe, a noble one. I have no doubt that all members of the United Nations would share that sentiment in its naked form (though whether they would act on it, in this way, is another story). "Not in our name," a slogan put forth by anti-war parties, is painfully selfish. If the issue is between the oppression of 28 million people and the death of innocents on one hand, and the liberation of an entire country with the sad price of a loss of life — of soldiers and civilians — the mathematics alone suggest we must act.

Anti-war activists remind us that 500,000

children have died in Iraq as a result of U.N. sanctions following Gulf War I. It is completely meaningless to ask how those casualties could have been prevented; I fear that more might have died in a prolonged conflict. With any luck (and, maybe, a little thought), there will be a minimum of bloodshed. Now that war has begun, it is the responsibility of those who oppose it to focus their efforts. A head-on conflict to end the war would only toughen the

resolve of the Cowboy President, who cannot back down. Those who oppose a high death toll should demand that lives are saved through careful, surgical military action rather than massive, blunt force.

Those who want to ensure a high quality of life for the Iraqi people should fight for large humanitarian contributions to the rebuilding of the nation.

Yesterday's collection of protesters, however, made me wonder. While some of the protest signs had clever slogans ("Empty War-Head found in Washington" with a picture of the president), others were utterly devoid of content ("More Trees, Less Bush"). Others I noticed during the past weekend's protest were utterly baffling as to their true meaning ("Bush Is Sauron — We Hate Him"). More than a few sported the bird call of the anti-war movement, No Blood For Oil. But the idea that an army was being raised to fight against the war — a marching army complete with a drum corps — terrifies me greatly.

There is no greater act now for us than hope. May this conflict be as short as possible; may the casualties be low; and may this country, and its people, feel these growing pains, mature in the process, and realize that in the aftermath, true global citizenry might actually be within America's grasp.

*In matters of foreign policy,
America acts
like a 6-year-old boy.*

Tony Blair's Dilemma

Johnathan Boysielal

Like the Sloane that he is, Kofi Annan SM '72 knows the value of a good presentation. With the Hague as his backdrop at the opening ceremony of the International Criminal Court on Monday, the U.N. Secretary General reminded his audience of the possibility that war crimes tribunals could be convened should the U.S. and the Britain defy U.N. Security Council warnings and engage in a war against Iraq.

With this pronouncement the opposition to war against Iraq took on a markedly different slant, for this warning had only one real target: British Prime Minister Tony Blair. While officials in the British government are now concerned that engaging in unauthorized war against Iraq will expose them to potential prosecution by the newly established International Criminal Court (with jurisdiction over war crimes), the statement fell on the deaf ears of Bush Administration that had adamantly opposed signing the treaty establishing the tribunal, and now flatly refuses to accept its jurisdiction.

Annan's statement was significant, not because Annan is now raising questions about the legality of engaging in a war without U.N. backing — these were raised a long time ago — but because with this warning Annan is signaling that it is time for a shift in tactic for the liberal left: if they are to avert this war, then it's time to really put the pressure on Britain.

But why now? Because Annan realizes that Bush is not about to budge, whereas Englishman Blair is already showing signs of weakness.

While the U.S. claims that it has all the damning evidence it needs to engage in military action against Iraq is open to speculation, that they have not been able to convince the world of this is obvious. The conclusion to be drawn from this observation is that the U.S. has its own agenda in the Middle East. The air is rife with speculation. Theories are everywhere. Like a gall bladder, everyone has one. It's a war for oil. No, more than that, it's a war for control of the Middle East. No, you're both wrong: W. doesn't want a war at all. Instead, this is just his attempt at distracting

the American public while he desperately tries to fix a broken economy. No, you're all barking up the wrong bush: It's all about the Israelis. They want to divert international focus while they intensify terror against the Palestinians: the U.S. is just doing what any good friend would do. Sorry, none of you seem to know what you're talking about. It's all about American Pride. After a long hard day of losing your tallest buildings, man, nothing beats getting rid of some Muslims with guns. Pick your poison.

What is very clear in the minds of most people, however, is that a war against Iraq is unilateral action. It is an American war in which Britain will be content to play second fiddle while Baghdad burns. Annan knows Bush is not about to waver in his anti-humanist stance. He is saying that he doesn't think the U.S. can be dissuaded from its agenda, and he is reminding those opposed to the war that in the Bush-Blair coalition, there is no doubt about who is the weaker partner.

And Annan is not wrong. Even at his most virulent, Blair seems just a little less bent on war than Bush does. Sure, he goes through the

motions of being a champion of democracy and a savior of the Iraqi people, but you get the impression that when he goes home at night, he wonders if he's actually going about these things the right way.

Perhaps it's because he's facing increasingly intense opposition everywhere he turns: within the European community, in the streets of London, even

within his own Cabinet. Blair's alignment with Bush's Iraq policy has caused a huge rift to form in the Labour party; nothing is worse than when a government of the left lurches to the right. As one Labour member of Parliament has said, "If there is a quick and relatively clean war, the public will probably forgive Tony Blair for being proved right — but the Labour Party will never forgive him, even if he is proved right."

But maybe if Blair seems to not be in total control of the situation it is because deep down inside he is a good man who wishes he could just go back to running his country and eating his biscuits. Who knows? It was Blair, after all, who first called for the second U.N. resolution against Iraq. *The Wall Street Journal's* editorial last Wednesday argued that "as each day passes, the evidence mounts that the

U.N. inspections regime is not about containing Saddam; it is about containing America." Maybe the British Prime Minister realizes this is the key role in all of this. Some Downing Street officials have even said that it is Blair who has been persuading Bush to go down the U.N. path rather than the unilateralist one.

Blair is also more willing to engage his opponents than Bush is, and he is already showing the signs of one who has been waging a losing battle. While Bush tries as hard as possible to stay in the warm company of those who support his Iraq policy, Blair doesn't insulate himself from those who might hurt his feelings. Facing a hostile panel of 20 women opposed to the war on prime time television last Monday, Blair painted the picture of a pale and overworked prime minister. As *The Washington Post* described him, "his tailored suit coats seem to hang from a trim frame turned gaunt." On the program, Blair was hammered with questions and heckled to no end; even the program's host asked him how it felt to be George Bush's poodle. Even Maggie Thatcher must have flinched at that one.

Tony Blair looks haggard, and deservedly so. He is committed to eradicating child poverty by 2020 and cleansing the world of evil tyrants. In general, things haven't been going nearly as well as he would like. Along the good news that the poorest two-fifths of the British population are growing faster than the national average for the first time in a generation comes the resignation of one his high-profile ministers opposed to the war effort. Now less than 19 percent of British people support going to war without a U.N. resolution. And, as if all of this were not enough, W. Bush is his only friend.

These things have got to be hard on anyone.

Sitting at home, listening to Annan talk about the consequences of unauthorized war, Blair must have been fighting a panic attack as he had visions of himself sitting before the tribunal in the Hague, enormous death tolls being read out as he sat on a bench still left warm by one Slobodan Milosevic. "Go on," Annan seemed to be saying in his speech, "you and your buddy wage your war. But afterwards, Tony, you'll cry me a river." These things have got to be hard on anyone, even if he's English. What's a simple man to do? Well, one wouldn't be surprised if in the near future Blair were to relax his stance on Iraq. Kofi Annan knew exactly what he was doing when he delivered that speech last Monday. He's a smart man; he went to MIT.

Johnathan Boysielal is a member of the class of 2005.

Revisiting Guernica

Daniel B.G. Collins

The pending war in Iraq conjures up the image of Picasso's *Guernica* — not only because of its fame as an anti-war masterpiece, nor because a tapestry replica was recently hidden from view in the United Nations building. What I reflect upon here is the event that inspired the painting, and comparisons we may draw with today's conflict.

The Spanish Civil war began in July 1936 with a coup led by three fascist generals against the democratically-elected left-wing Popular Front. General Francisco Franco eventually became the coup's champion. Franco was supported ideologically by the Axis leaders Hitler and Mussolini, and also received military assistance in return for providing iron, copper and other materials. On April 27, 1937, in an effort to demoralize those loyal to the government by hitting the heart of the Basque region, the small town of Guernica in northern Spain was chosen for bombing practice. Hitler's Condor Legion, practicing new offensive techniques which would later be used in World War II, dropped over 100,000 pounds of bombs and incendiaries, not on the strategic bridge, railyards or small arms factory nearby, but on the town during market day. The attack on Guernica lasted for three hours, leaving over 1,600 civilians dead or injured — a third of the population.

Picasso painted the mural *Guernica* for the Spanish Pavilion at the Paris International Exposition in 1937 to raise awareness of Franco's atrocities and as a plea for international help. It has since been a testimony to the brutality of war on civilian populations, lest we forget. It is to educate us, and as such, I make four comparisons between the bombing of Guernica and the target of Iraq.

One factor for Hitler and Mussolini's involvement with Franco was the desire for resources. Many claim today that the United States is similarly striving to satiate its oil lust through war. In 1998 American oil consumption was 40 percent of that of the entire globe. In 2000, Iraq was the United States' sixth-largest supplier of oil, although its proven supply exceeds all but Saudi Arabia's. The U.S. National Energy Policy also stated "ANWR production could equal 46 years of current oil imports from Iraq." Regardless of the accuracy of this value, I submit that had Iraq's oil been of little concern, this statement would not have been used to bolster support for Alaskan drilling.

In terms of developing offensive approaches, a key aspect of *Guernica's* bombing, Iraq may well be the first recipient of the recently tested MOAB (massive ordinance air burst) bomb. Some equate MOAB to a small nuclear bomb, although this point is debatable. Low-yield nuclear bunker busters, while not yet publicly announced as being completed, may also see use in a conflict for which they were probably designed. Their true efficacy and safety to environs, however, has been the subject of much debate.

Components of psychological warfare, seen in targeting the Basque heart, are also present in today's proposed 'shock and awe' offensive. The current campaign against aims to shock soldiers into submission, and to occupy the symbolic cities of Basra in the south and Tikrit in the north soon after conflict begins.

The last, and incidental, similarity is that of civil war. One of the reasons for attacking Iraq is to free its people. Finding allies among the Kurds and Iraqi dissidents frames the attack as helping, or more precisely instigating, a civil war. This is not to compare Franco with Hussein's opposition; however, civil war is a pretext in both 1937 Spain and 2003 Iraq.

Picasso's *Guernica* depicts a gruesome scene of war: a wailing mother, dead child in hand; a stricken man with severed limbs; distraught faces; civility crushed. Soon, if not already at the time of publication, a similar fate may befall Iraq's cities. While apparent efforts have been taken to reduce such civilian casualties during the conflict, time will tell. We must not forget the madness of the past as we prepare for the future. Baghdad should not become another Guernica.

Daniel B.G. Collins is a graduate student in the Department of Civil and Environmental Engineering.

What to Look for at the

'The Pianist' Deserving But 'Chicago' Likely to Win Best Picture

By Julie J. Hong
STAFF WRITER

In the midst of the war with Iraq, the 75th annual Academy Awards may seem increasingly trivial to some. This year, in light of the war, the ceremony's organizers have scaled back on the glitz somewhat, with the elimination of the block-long red carpet walk, but as we all know, Hollywood marches to its own beat, so the show will still go on.

Here are my picks — and predictions — for Sunday's Oscars ceremony, organized by category.

Best Picture

I was less than impressed by heavy favorites *Chicago* and *The Hours*. The former tries to disguise a thin plot with lots of flash and glitter (even for a musical) and is completely devoid of likeable characters, while the latter simply leaves me wanting. *Gangs of New York* isn't even good, and *The Lord of the Rings: The Two Towers*, being one-third of a trilogy, cannot stand on its own as

óvar may be more deserving. Polanski's sexual indictments cannot be forgotten, while Almodóvar's chances are diminished because he lacks a Best Picture nomination. Martin Scorsese, already winning the Golden Globe, will likely be awarded for his failed epic, *Gangs of New York*.

Best Actor

The Best Actor category is loaded: Adrien

based on television commercials, but regardless, no one could have made me take my eyes off Christopher Walken, the well meaning Frank Abagnale Sr. in *Catch Me If You Can*. That is, no one except possibly Chris Cooper, who will probably walk away with the Oscar for his eccentric John Laroche in *Adaptation*.

Best Supporting Actress

The last thing I want to think about is Kathy Bates naked in *About Schmidt*. Queen Latifah and Catherine Zeta-Jones in *Chicago* are good but not exactly Oscar-worthy. Julianne Moore, though excellent as a member of the repressed trio in *The Hours*, faces stiff competition from Meryl Streep, *Adaptation's* Susan Orlean. Being forced to choose, I'll have to say Streep. The Academy may also want to make up for overlooking her performance in *The Hours*.

Best Animated Feature Film

Granted, I've only seen *Spirited Away*,



GUY FERRANDIS—FOCUS FEATURES

Best Actor

Nominees: Adrien Brody, *The Pianist*
Nicholas Cage, *Adaptation*
Michael Caine, *The Quiet American*
Daniel Day-Lewis, *Gangs of New York*
Jack Nicholson, *About Schmidt*

Kevin's Picks **Julie's Picks**
Should Win: Adrien Brody Daniel Day-Lewis
Will Win: Daniel Day-Lewis Jack Nicholson



PARAMOUNT PICTURES

Best Actress

Am I the only one left unimpressed by the actresses here? While a number of them are good, none are stellar. I do not comprehend Salma Hayek's nomination, nor will I give it any further thought. For Diane Lane, I can only speculate based on television commercials, and, though her performance appears impressive, I'm not in awe. The most deserving of this bunch is perhaps Julianne Moore for her work in *Far*

From Heaven; her performance in *The Hours* certainly doesn't hurt either. But sadly, the favorites are Nicole Kidman and Renée Zellweger. While I have to respect Zellweger for her singing and dancing Roxie Hart in *Chicago*, I'm scarcely left with a desire to reward her. Kidman looks so unlike herself that people play into an illusion and fail to notice that she actually does very little acting; her Virginia Woolf character has but two expressions: a permanent one of sadness and repression, with occasional bouts of thoughtfulness.

Best Supporting Actor

Ed Harris and John C. Reilly each gave acceptable performances, but I would hardly call the AIDS-stricken Richard Brown in *The Hours* a "supporting role." Reilly, though appearing in *The Hours* and *Gangs of New York* in addition to *Chicago*, isn't particularly captivating as any of his characters. Having had no desire to see *Road to Perdition*, I again resort to Paul Newman's performance

but it is so outstanding that I can't possibly imagine either Dreamworks or Disney producing anything superior. Call my judgment ignorant if you wish. On a side note, can anyone justify *Treasure Planet's* nomination?

Best Documentary Feature

Every American owes it to himself or herself to see *Bowling for Columbine*. Enough said.

Best Foreign Language Film

With the exception of *El Crimen Del Padre Amaro*, which by the way does not deserve this recognition, have any of these films been released in America? Choosing under these circumstances is difficult; but I'll go either with *Hero*, because it's directed by Zhang Yimou, or *Zus & Zo*, because it's Dutch.

Best Music (Song)

This one is easy: U2's "The Hands That Built America." I own every U2 album as well as several bootlegs. But of course

I'm not biased or anything.

Best Adapted Screenplay

If only *About a Boy* had any serious chances of winning! The fantastic adaptation of Nick Hornsby's novel is witty, comedic, and sensitive, while remaining faithful to the original. Returning to reality however, *The Hours*, though lacking in wit and humor, is well penned and will likely be rewarded.

Best Original Screenplay

I sincerely doubt anyone went to see *Y Tu Mamá También* for its writing. *My Big Fat Greek Wedding*, clever and hilarious as it is, also fell victim to being formulaic. Chances are *Talk to Her* will take home this award.

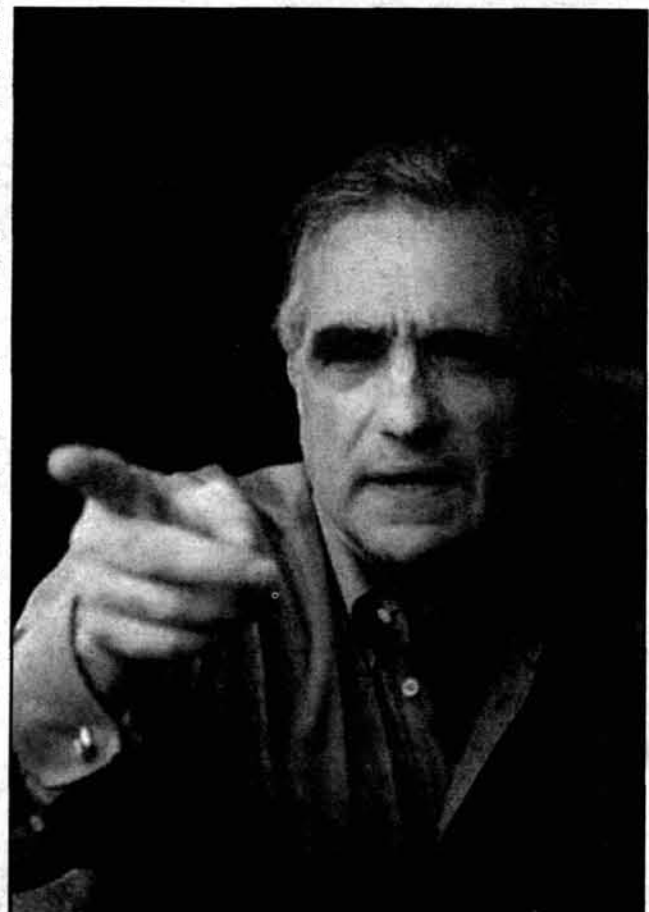
a film. *The Pianist* is without contest the best film among these five; however, *Chicago* will probably undeservedly take the title.

Best Director

God, this is a hard one. Rob Marshall magically converted *Chicago* from a musical to a film. Stephen Daldry seamlessly intertwined three stories in *The Hours*. Roman Polanski's *The Pianist* is perfect. Pedro Almodóvar exquisitely examines characters in *Talk to Her*. Though Polanski and Almodó-



GUY FERRANDIS—FOCUS FEATURES



MIRAMAX FILMS

2003 Academy Awards

'Adaptation' and 'Two Towers' Are Far Superior to Inane 'Chicago'

By Kevin Der
ASSOCIATE ARTS EDITOR

Every year, the Academy of Motion Picture Arts and Sciences dishes out golden statuettes to the most deserving films of the previous year, in categories spanning everything from acting and directing to musical and technical accomplishments. And every year, the Acad-



DAVID JAMES—MIRAMAX FILMS

and then I won't need to mention the name again: *Chicago* does not deserve to be nominated for Best Picture. Why many are predicting it will even win is something I will never understand. The film's substance is shallow and thoughtless, its acting mediocre, and its musicality substandard to that of *Moulin Rouge*. You walk away from it having gained nothing. In short, the film is nothing more than mere entertainment that only some people may enjoy. If *Chicago* wins, I will retch, and then retch again.

Gangs of New York: Scorsese will finally win

Gangs of New York combines solid acting and violence with a purpose; the result is emotional and remarkably free of clichés, given its son-avenging-father plot. Martin Scorsese has never won an Oscar, despite prior works such as *Taxi Driver*, and so is likely to win Best Director this year because of that fact. But Daniel

The Two Towers: Will the Academy wake up?

The Lord of the Rings: The Two Towers never had a chance at Best Picture, being simply a fantasy film, and members are probably saving votes for the third installment. What it will win are technical awards — sound, editing, and the like. Visual effects is a complete certainty — so watch the Academy screw it up. Unfortunately, the film lacks nominations for director Peter Jackson as well as for Andy Serkis, who did

Best Director

Nominees: Rob Marshall, *Chicago*
Martin Scorsese, *Gangs of New York*
Stephen Daldry, *The Hours*
Roman Polanski, *The Pianist*
Pedro Almodovar, *Talk to Her*

Kevin's Picks **Julie's Picks**
Should Win: Martin Scorsese **Roman Polanski**
Will Win: Martin Scorsese **Martin Scorsese**

emy screws up. Stretching back decades, the long and sad history of mistakes at the Oscar ceremonies baffles anyone with the slightest knowledge or appreciation of film.

Take verified classics such as *Breakfast at Tiffany's*, *Bladerunner*, and *2001: A Space Odyssey*, for example. Not one of those was even nominated for Best Picture. And then recent decisions boggle the mind as well — like the 1998 Awards when *Shakespeare in Love* won over *Saving Private Ryan*, or last year's ceremony when Ian McKellan didn't win for Gandalf in *The Lord of the Rings: The Fellowship of the Ring*. The travesties are too numerous to mention, sadly.

In addition to the unrecognized gems, the Academy often picks undeserving winners. Remember that this Sunday, especially if anyone associated with *Chicago* is called to the stage. Now, let's get on to this year's films, with a focus on the Best Picture category, which contains most of the major films.

Chicago: Undeserving in every way

Let me clear up something right away



DAVID JAMES—MIRAMAX FILMS

Best Supporting Actress

Nominees: Kathy Bates, *About Schmidt*
Julianne Moore, *The Hours*
Queen Latifah, *Chicago*
Meryl Streep, *Adaptation*
Catherine Zeta-Jones, *Chicago*

Kevin's Picks **Julie's Picks**
Should Win: Julianne Moore **Meryl Streep**
Will Win: Meryl Streep **Meryl Streep**

Day-Lewis' performance as the Butcher is what makes *Gangs* a great film. Day-Lewis is able to capture such a difficult and complicated role, making him the likely winner for Best Actor.

The Pianist: Perhaps a Best Actor award

Probably the least seen film of the Best Picture nominees is *The Pianist*, which is about Wladyslaw Szpilman, a Jewish pianist living in Poland in 1939. Szpilman experiences unimaginable suffering, separated from his family and forced to live in hiding wherever he can in Warsaw. The contrast between the beauty of Chopin's piano music, which Szpilman plays throughout the film, and the terrible events surrounding him is part of what makes *The Pianist* such a well-made picture. I pick Adrien Brody over *Gangs of New York*'s Day-Lewis to win Best Actor because Brody's role is arguably more difficult and because his performance overall has more social significance than Day-Lewis'.

the voicing and movements for Gollum and was eligible for Best Supporting Actor.

The Hours: Definitely the Best Picture

I save the best for last, and that is *The Hours*. The incredible acting talent makes this film the best of the year. Kidman will certainly win Best Actress. Whether Julianne Moore will win Best Supporting Actress remains to be seen, but I still feel she was better in *The Hours* than in *Far From Heaven*. Ed Harris probably doesn't have that much of a chance for Best Supporting Actor, but that is not to say his performance was lacked anything. As for the film itself, its thought-provoking treatment of subjects such as suicide, parenting, and happiness is truly masterful, as is the



PARAMOUNT PICTURES

Adaptation: It should be a nominee

The film that should have been the fifth nominee for Best Picture is *Adaptation*. Its brilliant writing has Best Adapted Screenplay in the bag. I haven't come close to fully understanding the many layers of organized chaos that fill this script. What's more, Chris Cooper is a near certainty for Best Supporting Actor — nothing else can top the role of his troubled, toothless horticulturist-turned-drug-addict.

Miscellaneous: cinematography and music

There are just a couple more awards which deserve mention: Best Cinematography will hopefully find its way to *Road to Perdition*. Sam Mendes is a genius when it comes to camera work, and there are some gorgeous shots in this film. By the way, did you know that *American Beauty* was his first film? Look forward to more from Mendes in the future.

And since I didn't get to write about it anywhere else, I'll just say that John

Best Supporting Actor

Nominees: Chris Cooper, *Adaptation*
Ed Harris, *The Hours*
Paul Newman, *Road to Perdition*
John C. Reilly, *Chicago*
Christopher Walken, *Catch Me If You Can*

Kevin's Picks **Julie's Picks**
Should Win: Chris Cooper **Christopher Walken**
Will Win: Chris Cooper **Chris Cooper**

Williams' score for *Catch Me If You Can* is a winner. Its jazzy feel makes it the most original Williams score in years. It won't surprise me in the least, though, if the Academy decides to rob him again, like last year.

Let us hope the Academy regains some dignity this year and makes decisions which aren't disgraceful — heck, as long as *Chicago* doesn't win, I'll be perfectly happy. But what still shocks me, aside from that film's nomination, is that however much the Academy totally screws up, I still pay attention to them. Maybe this will be the year I lose confidence entirely. All it will take is one word at the end of the ceremony, and I'm through with them.

The 75th Annual Academy Awards will air Sunday at 8:30 p.m. on ABC.



NEW LINE PRODUCTIONS

FEATURES

Students Drop Books, Ready for Break

Some hit the beaches, while others get work done

By Brian Loux
ASSOCIATE FEATURES EDITOR

With winter weather finally appearing to have drawn its last breath, students are eagerly awaiting the beginning of spring break. And while many will leave the MIT campus, some will still remain involved with the Institute.

The women's crew team, for instance, will travel as a team to Cocoa Beach, Fla., for training. Team captain Jessica L. Wargo '04 said that the team decided on the trip over the standard winter training trip.

"I think it's a good move because the river's still frozen and we can't practice in the basin outside of the boat house," she said. "And it's good to get away from the cold." Aside from training, Wargo said they expect to have one day off to go around the beaches.

Undergraduate Associate President-elect Pius A. Uzamere II '04 will brush up on his politics in preparation for the MIT Washington D.C. Summer Internship Program. "We'll be touring the city and interviewing with possible employers," he said. "I'm really excited about the trip."

Still others will stay in Cambridge for the break — either out of their own choosing or to catch up on work. This applies to faculty as well as students. "I'm going to stay here and write a book chapter," said Martin F. Polz, a professor of civil and environmental engineering. He has worked on the book for some time, but he says that "it's nice to have a block of uninterrupted time in which to write."

Julie B. Norman, the associate dean of academic resources and programming, said she will stay at MIT to "catch up on the piles on

my desk and do my own self-evaluation for the year." She says that she dreads this time of year as a former faculty member. Now I don't get spring break off anymore, she said. "But at least it will be quiet."

ASB enters seventh year

Alternative Spring Break celebrates its seventh year with its first excursion outside the Northern Hemisphere. The program, which offers opportunities for students to participate in week-long public service activities, includes trips to many parts of the U.S. as well as Puerto Rico and Paraguay.

"Around 80 people participate each year, and we have to turn away dozens more who apply to participate," said ASB President Amy L. Meadows '03. The jobs range from teaching students to hands-on construction.

For participants, the draw of the program is the chance to see change. "It was an awesome, if slightly overwhelming, experience," Meadows, a three-time veteran of the program, said. "You've gotten to know a group of 12 students in depth, and you have a tangible impact on a community."

"I liked the trip to West Virginia last year," said Diana L. Lam '04. "It was eye-opening and inspiring to go out and see the changes that you make."

Victory and defeat in Florida planning

For many students, spring break revolves around travel to exotic locations. These travels can become almost an ordeal for the involved parties, to plan a beach trip on a student budget while classes continue. The results can be

as different as night and day.

Lisa M. Walters '04 is eager to travel to Florida for the break. "I'm excited," she said. "I've never been to Florida before." Walters joins a group of seven others who are traveling by car to Daytona Beach, Fla. "I'm spending about \$300 for [travel and room and board,] which would have been the cost of a plane ticket," she said.

Daniel G. Oreper '04, however, would prefer to forget about Florida for a while. Oreper led an initiative to get himself and six of his friends to Florida by any means necessary. "First, we wanted to fly to Florida, but we found that it cost too much," he said. "Then we wanted to drive, but that would be too much time out of our trip and a rental car and gas would cost too much."

Oddly enough, both groups started planning their trips around the same time. Walters' group started three weeks ago, and Oreper's group two and a half. "We only needed a place to stay so we found a beach house first" because their group would rely on their own cars, Walters said.

Oreper said that the cars his friends owned would not make it to Florida, so they focused on travel instead. Other plans that his group floated around were renting five-man RV (for seven people) and taking the train.

"Eventually, [Andrew C. Francis '04] decided work and family were more pressing than the trip, and that sparked the group's downfall," Oreper said. When it became evident that the trip would not be as a large group, people began to bow out, he said.

While Walters is anxious to start the trip,

Oreper said he felt "docile and disappointed." Oreper said that "there's nothing I wanted more than to sit on the beach staring at things on the beach."

Not totally defeated, Oreper says he will plan a trip to Florida for the first week of summer immediately after his return from break.

Break not affected by terror

Many predicted that an increased terror threat would result in a dip in business over the spring break holiday season. At MIT, this has not seemed to be the case.

Of the people interviewed, very few of them said that terrorism played into the planning of their trip. Of those who said it did, none said that it was detrimental enough to change their plans.

"Security is a lot tighter now [at airports]," said Paul A. Wanda '04, who is traveling to Europe for the break. "There could be an added risk with the war," he said, "but I am not going to be safer in America than in London."

"We have discussed emergency [and] contingency plans with all of our coordinators, but all of our trips are continuing as planned," Meadows said.

Some students felt that the "college bubble" and being young may have contributed to the nonchalance. "It's probably because [students] think nothing could happen to them," said Yu Zhou '06.

"It was less of a concern than driving and renting," Walters said. "It's spring break. People want to have fun. That's the overriding mentality."

Gadget Review

Park Tool Chain Gang Cleaning System Somewhat Successful

By Kailas Narendran
COLUMNIST

The Park Tool Chain Gang Cleaning System is a somewhat successful attempt at creating a comprehensive tool set for bicycle drive-train cleaning. It comes with a stiff bristle brush, the Park Tool Cyclone Chain Scrubber, and a "chain cleaning solution" — basically soapy water.

You fill the Chain Scrubber with the cleaning solution, clamp it around the chain, and run the chain through the scrubber. As I understand, the idea is to have the equivalent of a carwash for your chain.

But in addition to cleaning your chain, the scrubber belches large amounts of clean-

er all over the floor. The scrubber brush isn't too effective, as the bunch of bristles is really fat and has a hard time fitting between the rear sprockets. The cleaner does a decent job, but so does some dilute dish washing soap.

Cyclone or hurricane?

I was really excited when I saw the Cyclone chain scrubber. It looked like a nice closed system to make the messy job of chain cleaning a lot neater. Don't get me wrong, this scrubber definitely scrubs the chain clean — it gets to spots in between the links that would take forever to do otherwise — but it spills a lot of cleaner in the process.

The scrubbing brushes run down through the cleaning fluid reservoir before scrubbing the chain. If you go too fast, fluid belches out the side of the cleaner. In addition, it's easy to tip the scrubber too far over and spill the fluid everywhere.

If you have a workspace that can get a bit messy, or don't mind putting down newspaper, this scrubber works quite well. It definitely removed a lot of gunk you can't get at with just a rag. Using the scrubber is a time-effective alternative to removing the chain and scrubbing it by hand.

On the other hand, the stiff bristle brush that comes with this system is ridiculous. It's really big, and doesn't really fit between the cogs of the rear cassette it was meant to clean. The curved, spiky end gets between the sprockets and can scrape some stuff out, but it's so slow, I ended up just using a rag for the job.

Cleaner vs. soapy water

I do have to give the Park Tool people credit for being honest. In the instructions, they say you can use either their own brand of ChainBrite Cleaner, or dilute dishwashing

soap. I can't say that one really works better than the other; they claim ChainBrite Cleaner works better in the long run. But using either is better than using none, the practice of most bicyclists.

Given all the salt and sand that gets dumped on the sidewalks and streets in Boston and Cambridge, chain cleaning is important if you want any lifetime out of your commuting lifeblood (i.e., your bike). As you ride, street sediments build up, and rapidly increase wear on your chain, rear cassette, and derailleurs, which are pretty expensive to replace.

A friend of mine commutes over six miles per day. As a result of regular cleaning, she's put well over 1,500 miles on her drivetrain and it still has a ways to go.

My two cents

Cleaning your bike's drivetrain is an imperative. This setup from park tool is useful, but not imperative. I found the Cyclone Chain Scrubber to be the only really useful member of the trio. I found the scrubber for as low as \$22 online. You can find out more information at <http://www.parktool.com>.

Pros	Cons
Nice scrubbing job on chain	Messy!
Convenient solution to remove the corrosive grime from street riding	Ineffective brush
Well constructed chain scrubber	



T-SHIRTS

...a necessary fact of college life



- Deal direct...no middlemen
- Fast turnaround
- Award winning & computer literate art department
- Free delivery & Reasonable prices
- Most major organization logos on file for easy art work at no charge
- Full color heat transfers - no minimum!
- Web, print & graphic design

...and best of all - no boring lectures



ph - 617-625-3335

fx - 617-625-0404

email - info@qrsts.com

www.qrsts.com

serving the M.I.T. Community since 1989

Ask SIPB

STUDENT INFORMATION PROCESSING BOARD

MIT offers many options for viewing and publishing material on the Web. This week, we will first answer an unrelated (but timely) question, and then explore two of MIT's most frequently used Web servers, web.mit.edu and www.mit.edu.

Question: How can I check my e-mail over Spring Break?

Answer: The easiest way is to use <http://webmail.mit.edu>. This will work from anywhere in the world (except maybe China, which frequently blocks access to the mit.edu domain).

Question: What is the difference between web.mit.edu and www.mit.edu, and why do I have to care?

Answer: web.mit.edu is run by MIT Information Systems, while www.mit.edu is run by us (SIPB). They are approximately equally reliable. For personal home pages, you can access the same page through both servers. However, the same page has slightly different addresses between the servers. For a personal home page stored in the "www" directory in your Athena account, the addresses are: <http://web.mit.edu/yourname/www/> and <http://www.mit.edu/~yourname/>.

Athena lockers have the same pattern: for example, <http://web.mit.edu/6.170/www/> and <http://www.mit.edu/~6.170/> are the same page of the class (and locker) 6.170. Many people prefer the "www" address because it is slightly shorter to type.

Other differences are that the servers have different features (two of which are covered below), and web.mit.edu provides more bandwidth internally to MIT.

Question: Can I password-protect part of my MIT Web site?

Answer: Yes. [www.mit.edu](http://web.mit.edu) and web.mit.edu offer two ways of restricting who can view a page.

www.mit.edu supports password protection: that is, anyone on the Internet who knows the username and password can access a password-protected page. If someone tries to access the password-protected page via web.mit.edu, they will get "Forbidden." Accessing the same page via www.mit.edu, the browser will prompt for a username and password. The directions and caveats for setting up password protection are given at <http://www.mit.edu/faq/password.html>. An example password-protected page is <http://www.mit.edu/~asksipb/password>. The username is "foo" and the password is "bar".

web.mit.edu supports securing Web pages with MIT certificates. You can restrict the people who can view a page to MIT users and groups of MIT users. Unfortunately, a certi-

cate-protected page cannot be viewed by someone without an MIT username. The directions for setting up certificate-protected pages are given at <http://web.mit.edu/cwis/web/htaccess-usage.shtml>.

Question: How can I set the MIME type of a file I serve from the MIT Web servers?

Answer: If you access a Web page through www.mit.edu, you can set the MIME types in a [.htaccess](http://web.mit.edu) file. On web.mit.edu, the Web server sets the MIME type to a value that's usually correct, but there's no way to override it.

[.htaccess](http://web.mit.edu) is a short text file with a line beginning with "AddType", then the MIME type, then the filename extension. For example, suppose you wanted to use the MIME type [image/jpeg](http://web.mit.edu) for any filename ending with ".fire". The file [.htaccess](http://web.mit.edu) would have:

AddType image/jpeg fire

This assigns the [image/jpeg](http://web.mit.edu) MIME type to any ".fire" files stored in same Athena directory as the [.htaccess](http://web.mit.edu) file, or stored in subdirectories below that directory. For more details, see <http://www.mit.edu/faq/mimetypes.html>. An example is shown at <http://www.mit.edu/~asksipb/mime/>. Note that the example does not work when the same page is accessed at <http://web.mit.edu/asksipb/www/mime/>.

Question: How can I serve large files fast from the MIT Web servers?

Answer: Use web.mit.edu if the intended audience is within MIT. For connections within campus, web.mit.edu has greater bandwidth than www.mit.edu. Note, however, that for people viewing from the outside world, both servers have the same bandwidth.

Question: Can I host my own domain (mycoolname.com) at MIT?

Answer: Sort of. For a price, you can have a domain be redirected to an MIT Web page. Note that you may not use any Web server at MIT for running a business. (See <http://web.mit.edu/cwis/faq/guidelines.html>).

Google for "domain redirect" and you will find a variety of domain-registering companies supporting URL redirection (also called URL forwarding). Prices vary, but there are some registrars who provide domains and reliable URL redirection for \$10/year.

Here's how it works. Someone types <http://www.mycoolname.com/> in their Web browser. The Web request first goes to a Web server that's operated by the registrar. Their Web server sends a "redirect" to tell the browser to go to the new URL <http://web.mit.edu/yourname/www/>. The browser handles this automatically and displays the MIT-hosted Web page.

An example page that does this is taoyue.com. If you type

in this URL, you will be automatically redirected to the MIT home page of Tao Yue '04 (thanks Tao!).

Question: How do I prevent Web users from seeing the list of files in my home directory?

Answer: You may have discovered that anyone can list the files in your Athena home directory via <http://web.mit.edu/yourname/>. The contents of the files themselves won't be viewable, but the names will. If you are concerned about this, do

`athena% touch ~/index.html`

If you're especially concerned about someone seeing the names of the files in your home directory, you should move those files to your "Private" directory. Then, they won't even be listable even by someone who logs into Athena and looks in your home directory in AFS.

Question: Are SSI, CGI, PHP, or server logs available?

Answer: Both web.mit.edu and www.mit.edu support Server-Side Includes (SSI). This allows you to create [.shtml](http://web.mit.edu) files, which can specify some details of constructing a Web page (e.g., pages that include a common header or footer).

The most commonly used CGI (Common Gateway Interface) program at MIT is the one for e-mail forms. You can design your own arbitrary forms — a typical example is collecting names, addresses, and requests or problem reports. When someone clicks the "Submit" button, the information the person entered is e-mailed to you. For more details, see <http://web.mit.edu/cwis/faq/forms.html>.

Other CGI programs are listed at <http://web.mit.edu/cwis/>. For security reasons, neither web.mit.edu nor www.mit.edu, allow you to create your own CGI programs. The only CGI programs available are those the server administrators have installed.

PHP (a "hypertext preprocessor") is similar to SSI and CGI. Unfortunately, it is not available on web.mit.edu or www.mit.edu.

If you have a computer at MIT, you may be able to run a Web server that supports CGI, PHP, or corresponding Microsoft technologies such as ASP.NET. Web servers are allowed on student machines — you probably want a static IP address (which dorm residents often don't have, but can get via <http://rcc.mit.edu/>). In MIT labs and offices, policies about Web servers vary.

You can obtain limited information about visitors to your web.mit.edu and www.mit.edu Web pages. For details, see <http://web.mit.edu/is/help/web-reporting/>.

To ask us a question, send e-mail to sipb@mit.edu. We'll try to answer you quickly, and we might address your question in our next column. Copies of each column and pointers to additional information will be posted on our Web site: <http://www.mit.edu/~asksipb/>.

Freshmen Coping Well With First Term on Grades

By Beckett W. Sterner

ASSOCIATE NEWS EDITOR

Freshman are facing the trauma of grades earlier than in years past, but most students seem to be faring just fine thus far.

"The real difference [from last semester] is that I'm a little more worried" about grades, said Alison M. Taylor '06, who is on sophomore standing.

Despite the added pressure of GPA implications, freshman seem to be just as active as ever. Very few students groups seem to have had difficulty in recruiting freshmen this year.

Lisa R. Messeri '04, chair of the Shakespeare Ensemble, said that "normally [the time] is a sacrifice members are willing to make." Freshmen seem "a little more stressed in the spring" she said, but the number who came out for plays has gone up this year.

Julie B. Norman, associate dean of the Office of Academic Services, said that "the freshmen this fall did better than the freshmen from the last few years." Internal grades were much higher, she said.

"Students seem pretty mellow" about grades, said Professor of Physics Raymond Ashoori. He said that while more freshmen in his 8.022 class have come to him to appeal questions on the first test, the enrollment for the

class rose by about 20 students to 90 this spring.

Fifth week flags may not change

This semester, the freshman class seems set to receive as many or more fifth week flags as in the past on a per student basis, although not all classes have yet reported, Norman said.

So far, Norman has counted about 200 fifth week flags, but the number may rise as the other classes send in grades. Because the 121 students who declared sophomore standing do not receive flags, this means that at least approximately 20 percent of the freshman class will receive at least one flag.

Norman said that last year, 26 percent received flags, equivalent to 339 flags for 274 students, although far fewer declared sophomore standing last year.

The Office of Academic Services will be tracking both long term trends in the numbers of flags and the performance of those who declared sophomore standing, Norman said. For the first-year students who declared sophomores, her office will watch their grades, number of units taken, and whether or not they switch majors.

Mixed emotions about grades

"Definitely one of the bad things [about

being on grades], is that it reduces your ability to explore" activities, said James C. Culver '06.

"Part of the good thing about it is that it helps you buckle down," he said.

Josiah B. Rosmarin '06 said that being on grades "raised my stress. I found myself spending more time doing work."

He said, though, that being on grades wouldn't necessarily stop him from participating in extracurriculars, because being involved means that one must be more focused on work. It "makes you get your act together," he said.

There was "not really" a change from fall to spring, Taylor said, "because I actually tried to do work" in the fall. She joined the Dance Troupe this spring, but said that with extracurriculars "social time gets cut down."

Senior Raymond R. Montoya said that if he had been on grades spring semester, he "probably would have taken easier classes." Pass/ No Record "helped me get assimilated into the MIT lifestyle," he said, and "I'd like to say I needed the whole freshman year" to get used to the change from high school.

"I think [one semester] is enough" to be on Pass/ No Record, said Samia A. Mahjub '04. "I treated it the same way" as if she were on

grades, she said.

Many groups see numbers go up

Jessica E. Chiafair, organizer of the Campus Crusade for Christ, said that the freshmen "got committed to whatever organization last semester," and just continued it in the spring. The crusade has more freshmen than last year, she said.

Walter A. Alessi, the men's varsity lacrosse team coach, said that "several freshmen decided not to play because they were on grades" this spring.

He said that while the men's varsity soccer team that he coached in the fall saw no change from last year, the percentage of freshman lacrosse players participating went down this year from last.

On the other hand, Halston W. Taylor, coach of the men's track team, said that of the freshmen who participated in cross country last term, "not a single person" had dropped out for track. He said that they even had more freshmen join this year.

President of the Association of Student Activities Jennifer S. Yoon '03 said that "freshmen have less room to try activities" this semester, but she hasn't heard of any specific complaints to the ASA about groups having trouble recruiting new members.



We Have Computers.

You are Probably Course 6.

Join the Tech

join@the-tech.mit.edu

Students Leave Classes to Protest

War, from Page 1

counterprotesters showed up but caused no serious disruptions.

Some protesters drew comparisons between the United States and Nazi Germany, with some carrying American flags with swastika-shaped cutouts.

"These flags are meant to represent the genocide that we believe is being committed against the Iraqi people," said Laura Rodriguez '03.

Republicans fault debate quality

Gillian M. Harding '05, the president of the MIT College Republicans, said she was not moved by the walkout and protest. The group supports the war.

"I'm really disappointed that there has been very little debate from the anti-war people," she said. "I think all I've been hearing is 'blood for oil' and 'fuck bush' and comparing America to the Nazis, and I want a real debate."

"I think a lot of people are scared in an atmosphere like that to come out against the war," she said. "I generally think that it's more anti-Bush and anti-America than anti-war."

In general, however, it proved difficult yesterday to find students who supported the war in Iraq.

Protesters happy with walkout

"It's empowering the know we are joining millions of people around the globe," said Jean Walsh G, one of the organizers of the walkout.

"For many students, this is their first experience with public expression," she said. "A whole generation is getting education about being part of a political movement," she said, drawing parallels to movements in the 1960's.

"I think this will make the world a much more dangerous place," she said. "Unfortunately, 9/11 is just a foreshadowing of what's to come. We're not ridding the world of terrorism, we're fueling it. We're making a big mistake."

"This war has really destroyed my year here," said Elina Vuola, a visiting scholar at Harvard University, from the University of Helsinki. She said she did not expect the war to stop because of the protests. "I just want [Bush] to see that there are so many people that he can't just turn away."

Sharon L. Benedict, an administrative assistant in the architecture department, agreed. "I don't see it as stopping war," she said. "I think it's the unity of soul and effort of the people here today."

Joseph Dahmen G said he was at the rally "because I oppose the war." There is "no demonstrated connection between Saddam Hussein and al-Qaida," he said.

"I think we're a bigger threat to world security," he said.

Dahmen said he found the turnout heartening. "It's hard not to be myopic at MIT, but that people coming out shows they're looking at the larger picture," he said.

Federal employees chat nervously

As the protest against the war continued outside, federal employees in MIT's student center post office chatted nervously about Postal Service security precautions for the war.

"They told us to bring food, water, and clothing" to be prepared in case of an attack, said Jack Driscoll.

"They offered us those pills — iodine pills," said Sue Azulay, to help if there's an attack on MIT's nuclear reactor.

"They brought us all nametags, so if I die, they can say 'Jack's dead,'" Driscoll said.

"They changed the code," said another employee.

Azulay asked if he meant the code that used to be "02139." (The number is also MIT's ZIP code.)

Reflecting on the precautions, Driscoll said, "I'm not for [the war], but I'm backing them. I was in the military for 10 years. You hate to see those kids over there."

Sue Brennan, a spokeswoman for the United States Postal Service, said the service had offered potassium iodide pills, which help protect the thyroid in the case of a nuclear accident, to all of its employees, and that the offer had nothing to do with MIT's nuclear reactor.

"The probability of anything happening at this nuclear reactor is very very minute," said John A. Bernard Jr., the director of the nuclear reactor laboratory. "The best thing to do if there's a radiation problem, like say a dirty bomb, is just evacuate the premises," he said.

"We've had special precautions since 9/11, and I can't go into them for the newspaper," Bernard said. "Nothing has changed as a result of the war."

Chaplains discuss peace

Among the protesters was the Rev. John Wuestneck, MIT's Protestant chaplain. "We've been having prayers for peace for a long time," he said.

Wuestneck said he supported the anti-war effort because "this has long term implications and I'm very worried about them."

MIT's Baptist chaplain, the Rev. Michael D. Dean, said he was proud of how the MIT chaplains have helped bring students of disparate faiths together.

"Obviously, as a Christian minister, I would hope for as little war as possible, but we want to challenge students to think critically about issues of politics and

faith," he said, while distributing religious literature inside the student center. "It's not a simple issue."

Professors debate merits of rally

"I think the opposition's important, but not because it'll have any effect on what happens militarily," said Professor Joshua Cohen, head of the political science department. "I think all you can try to do [is] try to make clear the level of hostility and opposition."

"The terrain has shifted," Cohen said. Before yesterday, the anti-war effort was focused on forestalling a war, he said. "Now we gotta figure out how to stop it from getting even more out of control."

Cohen was optimistic about the strength of the opposition to the war.

"There's opposition on a scale that emerged" only much later in the Vietnam war, he said. "In '66, '67, you didn't have a former president of the country writing an op-ed saying it's an unjust war, as Carter did," he said.

Some professors said they felt torn between their personal feelings and professional responsibilities.

Professor Martin F. Polz of the civil and environmental engineering department decided to continue with his class even though he said he strongly wanted to attend the rally.

"It was a decision of conscience," he said, adding that he didn't feel he should be a "political agitator" outside his home country of Austria. "I'm a foreigner," he said.

"If I had grown up here," he said, "I may have acted differently."

Additionally, "I did not want to impose my opinion on anybody," he said. Polz said he told his class that if there was a consensus on the walkout, he would cancel the class. The consensus did not materialize, he said.

Some stay put, not sure on war

Katherine C. Lin '05 said she decided not to participate in the walkout because she felt she didn't know enough about the situation either way.

"I have my own sentiment about the war," she said, "but I don't think I'm knowledgeable enough to take part in an activity meant to convince others."

Lin also expressed disappointment with the handling of the walkout. "I thought it was strange that we had an excessive amount of contact from the faculty and administration saying if students participated, there would be no repercussions," she said.

Kolenbrander said he thought the let- ters clarifying whether students could miss class were just common sense.

"Students [can] miss classes, as they

sometimes do, but they are responsible for what they miss," he said. "And the way to deal with that is to work it out with the instructor. I think that is the position of the administration," he said.

Students march on to Boston

At about 2 p.m., protesters from Harvard and Tufts University arrived at MIT and, breaking somewhat from original plans, kept marching toward Boston.

A truck of construction workers brandishing an American flag yelled "support our troops" back at the protesters. Nothing came from the confrontation but heated words, a result common to most of the acrimonious encounters during the protest.

The group, which stopped traffic and spanned the width of the Harvard Bridge, paused about halfway across to sit down, dance, and chant before continuing on to Boston.

That pattern continued until Government Center. The Cambridge group joined a large crowd apparently from various Boston universities at Copley Square. Chants of "This is what democracy looks like," and "whose streets? our streets" were common. One chant was resurrected from the first Gulf War: "Hell no we won't go, we won't fight for Texaco."

In stark contrast to protests in New York City, the Boston march was peaceful. One counterprotester was arrested after trying to punch a protester, and a few bystanders argued the pro-war case with those who would listen.

More speakers, including several Cambridge and Boston city councillors, awaited at Government Center. Several thousand people showed up to listen and protest.

Calm protest pleases MIT, police

Many MIT administrators watched the events on the campus during the day.

"I'm here as a non-participant," said Kirk D. Kolenbrander, the special assistant to the president and chancellor. "I wanted to be here to be helpful if I could." Chancellor Phillip L. Clay, PhD '75 also attended the beginning of the protest.

Kolenbrander said he, Police Chief John DiFava, and the leaders of the walkout had worked to "make it safe and appropriate."

"I thought it went very well," said Lt. Daniel Costa of the MIT Police, who was in charge of organizing the police detail for the rally.

"The officers we had were low key and they kept an eye out for keeping the peace," he said.

Costa also praised the cooperation of the leaders of the walkout. "We worked with them closely for a peaceful rally," he said.



JONATHAN WANG—THE TECH



JOHN CLOUTIER—THE TECH

Protesters held an anti-war rally yesterday in Government Center. Over 2,000 students from Boston area colleges including MIT marched in the demonstration. Clockwise from top left:

Protesters march from Cambridge to Boston across Harvard Bridge carry a Jordanian, a U.N., and an American flag modified with a peace sign. A huge crowd of MIT students gathers for an anti-war rally in Kresge Oval yesterday.

Ralph White (right) lunges at Malcolm MacIachlan during yesterday's protest. White, who supports the war in Iraq, was in an argument with MacIachlan before the violence began. Boston Police quickly separated the two.

A formation of State Police motorcycles lines the street at Government Center.

Palestinian rights activist Amer Jubran shouts against war on Harvard Bridge.

Demonstrators march across the Harvard Bridge to voice their opposition to the U.S.-led war in Iraq.

Sign-wielding anti-war protesters cross the Harvard Bridge on their way to Government Center.

Protesters chant anti-war slogans while marching down Boylston Street yesterday.

Protesters make their way from 77 Massachusetts Ave. to the Harvard Bridge, from which they proceeded to Government Center.



JONATHAN WANG—THE TECH



BRIAN KENDON—THE TECH



JONATHAN WANG—THE TECH



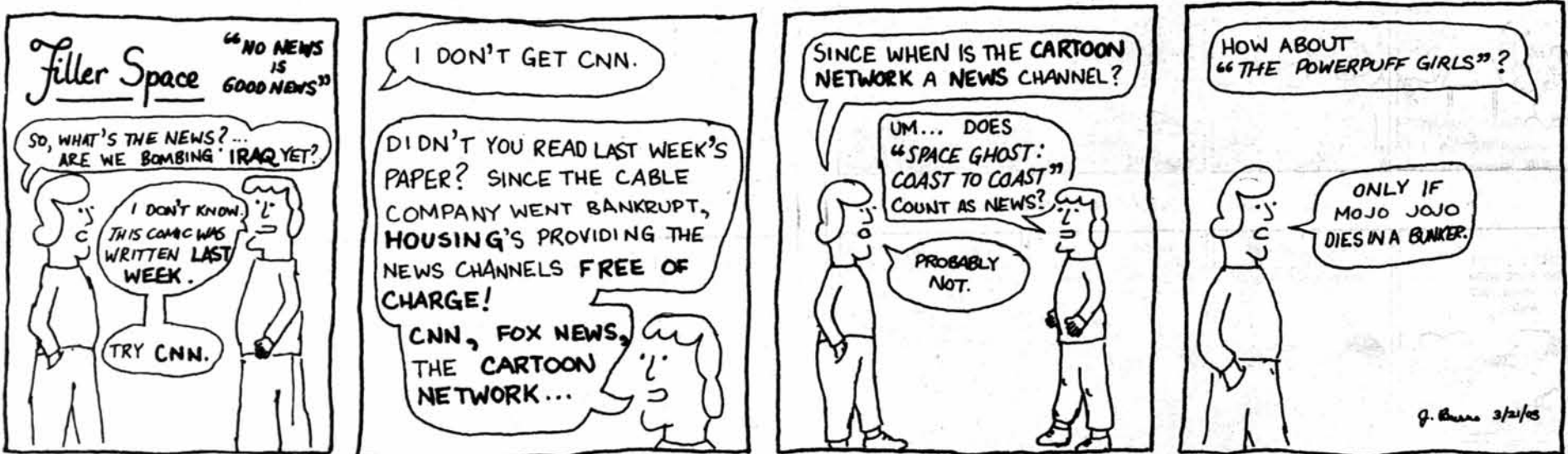
REGINA CHEUNG—THE TECH



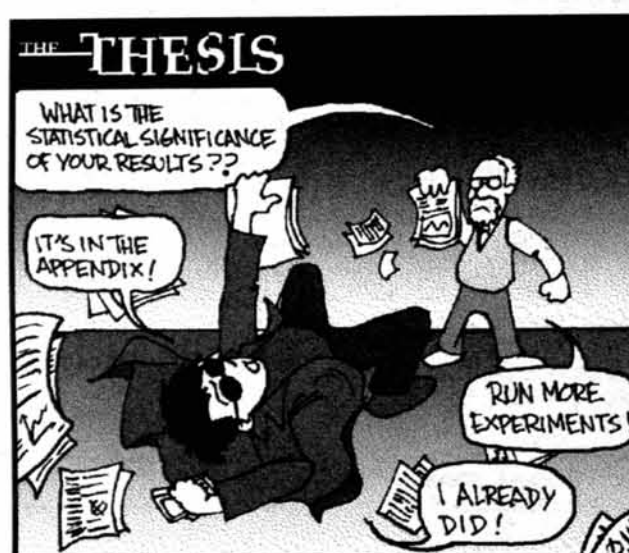
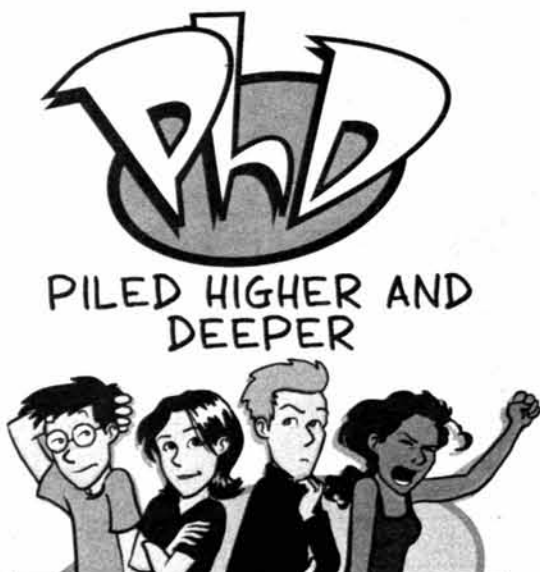
JONATHAN WANG—THE TECH

INSTITUTE MADNESS!

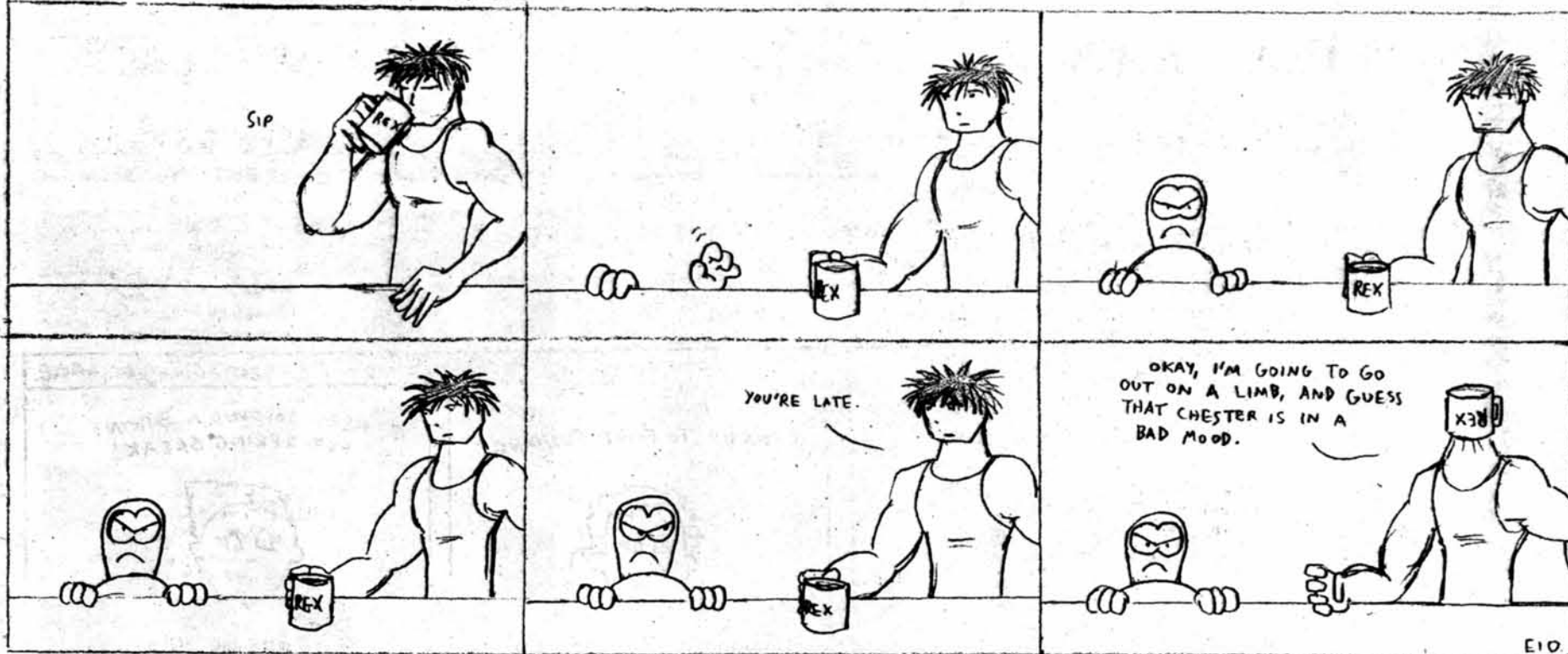
ALISON WONG



Quasi-Topical Comics Presents: No, No Really, It Wasn't Intentional, I'm Just a Bad Artist, That's All



THE RICK AND CHESTER SHOW



FoxTrot by Bill Amend



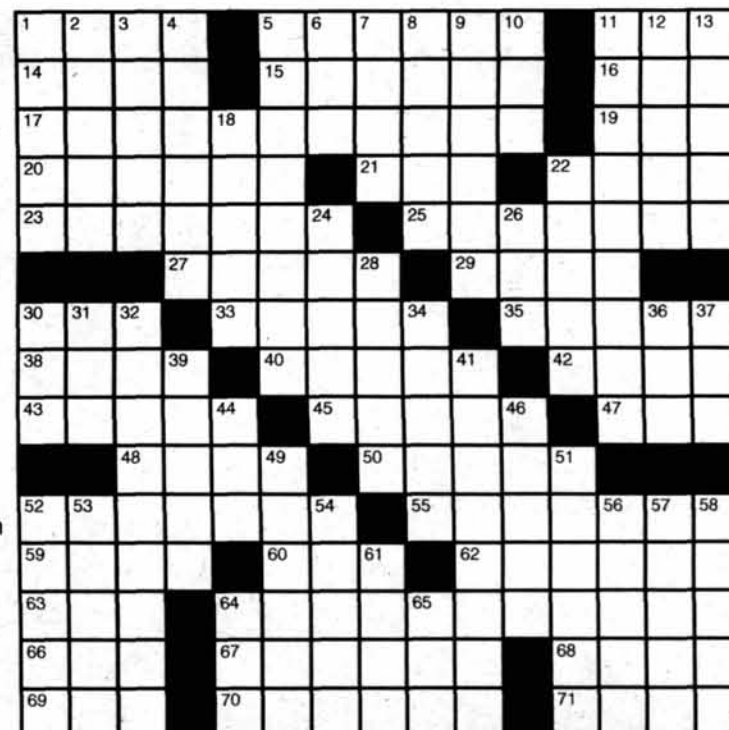
Dilbert® by Scott Adams



Crossword Puzzle

Solution, page 16

- ACROSS**
- 1 Makes a choice
 - 5 Chews noisily
 - 11 Lethal letters
 - 14 Type of rug or code
 - 15 Zimbabwe's capital
 - 16 Weeder's tool
 - 17 TV classic about a half dozen beach bums?
 - 19 Long time
 - 20 Trousers measurement
 - 21 Turf
 - 22 Furthermore
 - 23 Blows a gasket
 - 25 Having more chutzpah
 - 27 Worn down
 - 29 Any day now
 - 30 Moral misdeed
 - 33 More rational
 - 35 Reside
 - 38 Temporary funds
 - 40 Fathered
 - 42 Sheep fat
 - 43 Canadian territory
 - 45 Doles (out)
 - 47 Seed vessel
 - 48 Gabor and Peron
 - 50 DeeJay Casey
 - 52 Soft drink
 - 55 Change tags
 - 59 Head Stone?
 - 60 Vegas
 - 62 Do some cobbling
 - 63 Lilly or Whitney
 - 64 TV classic about team tennis?
 - 66 Do-over serve
 - 67 On the go
 - 68 Biblical preposition
 - 69 Attempt
 - 70 Built a home
 - 71 Idyllic spot
- DOWN**
- 1 Desert greenery
 - 2 Dried fruit
 - 3 Concise
 - 4 Most secure
 - 5 Imaginary monsters
 - 6 Duped
 - 7 Raw minerals
 - 8 Bricklayer
 - 9 Lion groups
 - 10 Male or female
 - 11 TV classic about baseball?
 - 12 Hangman's loop
 - 13 Pavarotti's voice
 - 18 Delhi garments
 - 22 Swears
 - 24 Jeans material
 - 26 Fishing pole
 - 28 Bo or John
 - 30 Foxy
 - 31 Debt letters
 - 32 TV classic about a nudist colony?
 - 34 Patch roads
 - 36 Actor McKern
 - 37 Inc. in Islington
 - 39 "Vertigo" actress
 - 41 Uninhabited
 - 44 Forty winks
 - 46 Monica of the courts
 - 49 Consolation
 - 51 Costume ball
 - 52 Small silvery food fish
 - 53 Crude worker?
 - 54 Formal agreements
 - 56 Tied up
 - 57 Make happy
 - 58 Enticed
 - 61 Theatrical sketch
 - 64 Managed
 - 65 12/24 or 12/31



Down the Hatchet

8.02 versus 802.11, 18.02 versus 18.2.3.4

By Akshay Patil
COLUMNIST

I'm sitting in lecture right now, writing this column. I should probably feel bad. I mean, my parents are paying large lumps of money for me to be sitting in this very seat, listening to the professor going on about whatever it is he's talking about. I mean, I made it this far — I got out of bed, trekked to campus, stuck around for this lecture and sat down ready to learn — but then things got boring.

It used to be that boring was fine; I mean sure, some head nodding and comfort fidgeting might have been in order, but in the end, the pen and paper would be out and things would be scribbled illegibly into a spiral notebook. Those are days long gone, a vague recollection of how life used to be before things changed.

Before I got a laptop. Now, instead of my chin going down, the monitor goes up. Mild interest has been replaced with utter disregard. What's on Slashdot is infinitely more interesting than what's on the blackboard. The progression of world events just narrowly edges off the progression of the lecture plan. My AIM buddy list merits greater attention than the equations on the overhead.

Not to say that the acquisition of my laptop has resulted in total academic sloth — just 95 percent academic sloth. I honestly do take notes on the thing, but as you can imagine, when things get slow, the windows change.

What doesn't help is that I'm usually sitting in the back of the lecture hall. I used to sit in more respectable areas, but no lecturer honestly thinks they have your undivided attention when you're staring at your laptop screen 80 percent of the time. And if the cause is lost before the fighting starts, I might as well just sit in the

slacker section of the classroom rather than make a futile effort to look like a dedicated student.

So I sit in the back, listening with an uninterested ear; switching back to Microsoft Word once in a while to write another bullet point down. I've never been this up to date with world events, and I wasn't planning on publishing a column this week until I got to lecture and realized that column writing would be a better investment of my time. I've got 14 minutes left, so we'll see if I can hammer out the rest of this damn thing out before the chalk falls.

Despite the drag laptops make on your academic efforts, they do miracles for your social life in lecture. People want to sit next to the laptop. When they start glazing over, they entertain themselves by asking you to go to Web sites for them. They live vicariously through your infinitely funner digital excursions. They tell you how they too want a laptop, give a forlorn sigh, and gaze off at the lecturer as if he or she's an alien speaking in Swahili.

Maybe if we're feeling academically audacious, we'll ask each other what that term the lecturer just used means. And if neither of us knows, we can always turn to my laptop and ask our friend Google what exactly the professor is smoking.

Yes, I have the attention span of a rabid baboon, but it doesn't matter because I've got my computer. I can Photoshop like no one's business while vaguely learning the finer aspect of whatever it is I'm taking this term.

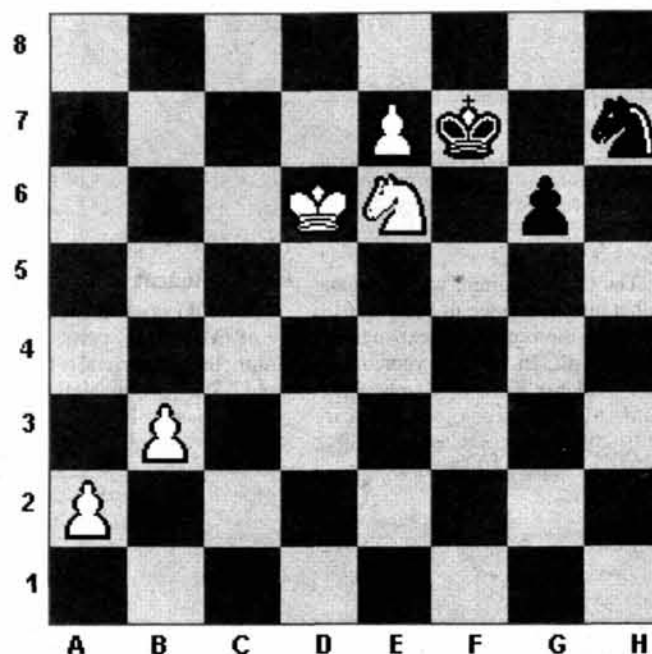
I have learned to love WiFi and MIT's initiative to put it in every possible lecture hall on campus I could ever feel the need to surf the Web from. My body may be in 34-101, but my mind is off doing cartwheels out somewhere in cyberspace.

Oh, lecture's done and my battery's at 13 percent. Time to head on home and punt.

ChessMate

Composed by Elina Groberman

Difficulty Level 3
White to Move and Win



Comments? E-mail chessmate@the-tech.mit.edu
Solutions on page 16

Events Calendar

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

Visit and add events to Events Calendar online at <http://events.mit.edu>

Friday, March 21

- 8:00 a.m. - EHSWeb Lab Registration Database.** site review of the database. free. Sponsor: Usability at MIT.
- 9:00 a.m. - 6:00 p.m. - 2003 Awards Convocation Nomination Deadline.** The deadline for nominations for the 2003 Awards Convocation is today. Please email or deliver in person to W20-549 all nomination papers for the various awards listed on <http://web.mit.edu/awards>. Sponsor: Awards Convocation.
- 10:45 a.m. - Campus Tour.** Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Informations Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.
- 12:00 p.m. - 1:30 p.m. - SAPweb: Purchasing on the Web.** (formerly Overview of Purchasing on the Web Quick Start) This course covers all aspects of using SAPweb for purchasing, including requisitioning from external vendors and internal providers, as well as ordering from Partner Vendors' online catalogs. Topics include: business rules governing requisitions; creating and displaying requisitions in SAPweb; accessing Partner Vendors' online catalogs. Room: N42 Demo. Sponsor: Information Systems.
- 12:00 p.m. - 1:00 p.m. - Writers Group.** New writers are invited to join our weekly Writers Group (sponsored by the Writing and Communication Center). Share a piece of your writing with other interested writers. free. Room: 14N-417. Sponsor: Writing and Communication Center.
- 1:10 p.m. - 1:50 p.m. - Muslim Friday Prayer.** Weekly congregational prayer for Muslims. People of other faiths welcome to attend. Email msa-ec@mit.edu for more information. free. Room: W11-110. Sponsor: Muslim students' Association.
- 2:45 p.m. - Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.
- 4:00 p.m. - 5:00 p.m. - PSFC Seminar.** Recent progress in heavy-ion fusion research. free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.
- 4:15 p.m. - 5:15 p.m. - Representation Theory of Symmetric and Spin Symmetric Groups and Lie Theory.** Reception at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.
- 6:00 p.m. - 11:00 p.m. - Holi Dance Festival.** Inter-collegiate dance festival organized by the Indian Students Association - MIT and Hindu Students Council (HSC). 2 \$ MIT, 4\$ non-MIT. Room: Kresge Auditorium. Sponsor: Sangam, ARCADE.
- 7:00 p.m. - 11:59 p.m. - MIT Anime Club showing: ninja training, would-be Terminators and a magical quest.** Tonight, Naruto continues his quest for ninja mastery. In "Generator Gawl", the mystery surrounding the event that brought Gawl's team back from the future deepens. We'll also be showing "Mahoujin Guru-Guru", an RPG-inspired bit of animated lunacy. free. Room: 6-120. Sponsor: Anime Club, MIT.
- 7:00 p.m. - Frida.** \$3. Room: 26-100. Sponsor: LSC.

- 7:30 p.m. - 9:00 p.m. - Bible Study.** Is there more to life than grad school? We believe the answer is "YES!" Come study the word of God with us. There will be dinner provided and games afterward. free. Room: 1-150. Sponsor: Asian Baptist Student Koinonia Graduate Division.
- 8:00 p.m. - Antony and Cleopatra.** Shakespeare Ensemble production done in the round, with a chorus of "watchers" who circle the action, interacting and constantly judging. \$8, \$6 MIT/Wellesley students. Room: Sala de Puerto Rico. Sponsor: Shakespeare Ensemble.
- 8:00 p.m. - 11:30 p.m. - Sangam Movies.** Screening of popular movies. Please subscribe to sangam-request@mit.edu. free. Sponsor: Graduate Student Council, Sangam.
- 10:00 p.m. - Frida.** \$3. Room: 26-100. Sponsor: LSC.

Saturday, March 22

- 9:00 a.m. - 9:00 p.m. - MIT Intercollegiate Figure Skating Competition.** Members of the MIT Figure Skating Club host and compete in freeskating and solo ice dance events. free. Room: Johnson Skating Rink. Sponsor: Figure Skating Club, MIT.
- 12:00 p.m. - Tour of MIT's Glass Lab.** Get entranced by the beauty, creativity and magic of the MIT Glass Lab. Housed in the basement of the Dome/Infinite Corridor in Building 4, the Glass Lab is known for its spectacular Glass Pumpkin Patch each autumn and intriguing creations on the windowsill of their home in 4-003. Hosted by Peter Houk, Technical Instructor of the MIT Glass Lab, the one-hour tour will include the observance of an actual beginning-level glassblowing seminar. Space is limited. Tickets must be picked up in the MITAC Office by March 7th. free. Room: Glass Lab, 4-003. Sponsor: MITAC.
- 4:30 p.m. - 1:00 a.m. - TMRC Build Time.** These are our normal meetings, where we build the layout. free. Room: N52-118. Sponsor: Tech Model Railroad Club (TMRC).
- 8:00 p.m. - Antony and Cleopatra.** \$8, \$6 MIT/Wellesley students. Room: Sala de Puerto Rico. Sponsor: Shakespeare Ensemble.
- 8:00 p.m. - 11:30 p.m. - Sangam Movie Special.** free. Room: 2-105. Sponsor: Graduate Student Council, Sangam.

Sunday, March 23

- 2:00 p.m. - Gallery Talk: Paul Pfeiffer.** Gallery talk with Hiroko Kikuchi, education/outreach coordinator, presented in conjunction with exhibit on view Feb 6-April 6. free. Room: List Visual Arts Center (E15-109). Sponsor: List Visual Arts Center.

Monday, March 24

- 10:45 a.m. - Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.
- 2:45 p.m. - Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

the Council for the Arts at MIT arts scholars program
apply to become an arts scholar

open to upcoming sophomores, juniors, seniors & grad students regardless of major.
for students committed to work in the arts looking for more interaction with student,
faculty & staff artists at MIT

deadline: April 4, 2003

return applications & all supporting materials to E15-205. applications & guidelines
are available in E15-205, 10-280 & on-line: http://web.mit.edu/arts/special_programs/art_scholars.html
questions? email nosh18@mit.edu

Uncertainties of War May Hurt Exchange

CMI, from Page 1

than five students to Cambridge, compared to the seven or eight students it sent last year, said Professor Arthur C. Smith. Smith said he believes that the war situation may have decreased interest in going abroad.

The Department of Materials Science and Engineering and the Department of Physics will be sending no students for 2003-2004, although both sent students during 02-03, Enders said.

The CMI program, which began with a pilot exchange in 2000-2001, is still in the process of expanding, Enders said. In its first year, nine MIT students went to Cambridge. That number rose to 27 for 2001-2002, and there are currently 44 MIT students are participating, Enders said.

"Last year, the economics and chemistry departments joined, and this year, we have officially added biology and history," she said.

Environments are very different

Professor Linn W. Hobbs from the materials science department said he thought some MIT students had difficulty adjusting to the Cambridge academic environment.

"MIT tends to encapsulate

everything with problem sets and midterms, whereas Cambridge uses a self-learning system with an exam at the end of the term," Hobbs said.

Each institution could benefit from adopting a little of the other's teaching style, he said.

"Cambridge University's academic intensity is just as high as MIT's, but it's not as apparent because students don't show it," said John B. Vander Sande, former director of CMI.

Overall student feedback positive

"I would say that the vast majority of [MIT CMI] participants have found the experience to be very good," Vander Sande said.

"It was the best year that I've had since starting college. I think it was really well-planned, and I was supported by both math departments," said Shelli F. Farhadian '03. "Academically, it was much more challenging than I expected."

The deadline for applying was originally set for March 17, but CMI is still accepting applications from current sophomores. "There's nothing stopping students from applying," Enders said.

Solution to Checkmate

from page 7

1. Ng5 Nxf5
2. Kd7 and black cannot stop white's pawn from queening

Solution to Crossword

from page 7

O	P	T	S	C	H	O	M	P	S	T	N	T
A	R	E	A	H	A	R	E	H	O	E		
S	U	R	F	S	I	D	E	S	I	X	E	O
I	N	S	E	A	M	S	O	D	A	L	S	O
S	E	E	S	R	E	D	N	E	R	V	I	E
S	A	N	I	S	A	N	E	R	D	W	E	L
L	O	A	N	S	I	R	E	D	S	U	E	T
Y	U	K	O	N	M	E	T	E	S	P	O	D
S	O	D	A	P	O	P	R	E	L	A	B	E
M	I	C	K	L	A	S	R	E	S	O	L	E
E	L	I	R	A	C	T	I	V	E	U	N	T
L	E	T	A	C	T	I	V	E	U	N	T	O
T	R	Y	N	E	S	T	E	D	E	D	E	N

Smile!

Egg Donors Needed, non-smoker. Donors Ages 21-32. Generous compensation paid. For more information contact Robert Nichols, Esq. (781) 769-6900 or rnichols@gbnlaw.net.

Math Literacy Program

Coordinator to supervise team leaders and develop programs for underserved youth.

Salary DPE. Benefits include health ins. and pd vac. For job annnc. Call London Hardy @ The Young Peoples' Project, 617-354-8991.

MedLinks
Students Promoting Health at MIT

Find your nearest link at
<<http://web.mit.edu/medlinks/www>>

THE ONLY THING WHITE IS THE HOUSE



CHRIS ROCK • BERNIE MAC
HEAD of STATE

DREAMWORKS PICTURES PRESENTS CHRIS ROCK 'HEAD OF STATE' A 3 ARTS ENTERTAINMENT PRODUCTION A FILM BY CHRIS ROCK BERNIE MAC DYLAN BAKER
NICK SEARCY ROBIN GIVENS JAMES REBHORN CASTING BY VICTORIA THOMAS MUSIC BY MARCUS MILLER AND DAVID 'DJ QUIK' BLAKE COSTUME DESIGNER AMANDA SANDERS
EDITED BY STEPHEN A. ROTTER PRODUCTION DESIGNER STEVEN JORDAN DIRECTOR OF PHOTOGRAPHY DONALD E. THORIN, ASC EXECUTIVE PRODUCERS EZRA SWERDLOW PRODUCED BY ALI LEROI CHRIS ROCK MICHAEL ROTENBERG
WRITTEN BY CHRIS ROCK & ALI LEROI DIRECTED BY CHRIS ROCK
www.headofstate-themovie.com

COMING TO THEATRES MARCH 28

The Alumni Association thanks the following groups for participating in the 2003 Student Volunteer Phonathon Program, which raises money for MIT and student groups:

Alternative Spring Break
Alpha Chi Omega
Ballroom Dance Team
Chocolate City
Club Sailing
Co-ed Pistol
Co-ed Rifle
Co-ed Sailing
Cycling Club
Lambda Chi Alpha
Lecture Series Committee
Logarithms
LUChA

Mars Gravity
Men's Baseball
Men's Basketball
Men's Cross Country
Men's Fencing
Men's Football
Men's Gymnastics
Men's Heavyweight Crew
Men's Ice Hockey
Men's Lacrosse
Men's Lightweight Crew
Men's Soccer
Men's Swimming & Diving

Men's Squash
Men's Tennis
Men's Track
Men's Water Polo
NSBE
Phi Beta Epsilon
Phi Kappa Theta
Sigma Chi
Sigma Nu
SUMA
Theta Xi
Women's Basketball
Women's Crew

Women's Cross Country
Women's Fencing
Women's Field Hockey
Women's Gymnastics
Women's Ice Hockey
Women's Lacrosse
Women's Soccer
Women's Softball
Women's Swimming & Diving
Women's Tennis
Women's Track
Women's Volleyball
Wrestling

Congratulations to our Grand Prize Winners

Groups with the most volunteer callers share the \$1000 cash prize
A three way tie: Lecture Series Committee, Phi Kappa Theta, Wrestling

Top overall caller, Claudio Brasca '03, from Co-ed Sailing won a Bose Wave Radio

We would also like to thank our sponsors for providing prizes for volunteers:

MIT

connect

participate

explore

American Repertory Theatre
Bose Corporation
Boston Duck Tours
Cambridge Common and
Lizard Lounge
CambridgeSide Galleria Mall
Christopher's Restaurant & Bar
Comedy Connection

Flat Top Johnny's
House of Blues
Jillian's Boston
La Verde's
Minuteman Press
MIT CopyTech
MIT Press Bookstore
Pizzeria Uno Chicago Bar & Grill

Rebecca's Cafe
Redbones BBQ
S & S Deli
Tags Hardware
Technicuts
The Inn at Harvard
The MIT Coop
University Stationery Company

To learn more about Alumni Association programs for students, go to
<http://web.mit.edu/alum/students/>

Do you have an Infinite Connection Account? If not, sign up at
<http://web.mit.edu/alum/studentregister.html>

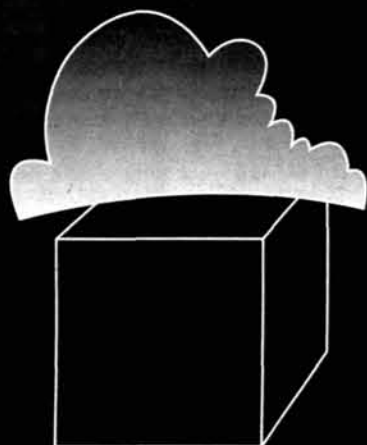


Show me what photography looks like...



To join, e-mail photo@the-tech.mit.edu.

This is what photography looks like!

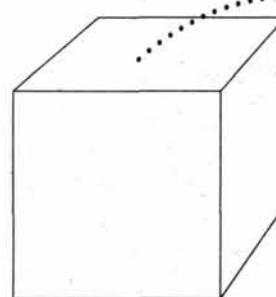


Feeling irritable?
Can't eat?
Can't sleep?
Can't concentrate?
Can't enjoy life?
And it just goes on and on?

You could be suffering from

Depression

Simple Fact:
Depression is treatable.
Get out of the dark.



Talking with someone
confidentially might be all you need.
It's smart to reach out.
Make an appointment. It's free.
Prompt appointments including evenings.
24 hour urgent care including
weekday 2-4 pm walk-in hours.

Mental Health Service
617.253.2916

It's smart to reach out.



Physics Dept. Seeks TEAL Improvements

TEAL, from Page 1

Lewin was the instructor for the lecture-recitation version of 8.02 last Spring.

"There is a whole spectrum of problems" [with the TEAL format] Lewin said. "Many students are really angry."

"Most complain that TEAL is not helping them to learn, so they are on their own," Lewin said. "Without recitation, the students are missing the ins and outs of problem solving."

Lewin said the problem with the TEAL format of 8.02 is that too many professors are required to lecture.

"How many professors are truly excellent lecturers? Not many. If they were all as good as John Belcher, it would be wonderful," Lewin said. "To zero and first order, the success of a course is determined by who lectures, not the format."

Lewin said that several students watch his 8.02 lectures from last year on the web during their class. Since the beginning of the term, Lewin has seen the hits on his Web site go up.

However, Lewin said that TEAL still has potential to be successful with further development. "In a few years, TEAL may evolve into a very wonderful program," Lewin said. "It may turn out to be wonderful, but right now, it's not working."

Students dislike TEAL system

"I don't like that they don't lecture, and when they do they just read off of Powerpoint slides," said Lauren A. Jones '06, who signed Olmstead's petition.

Patrick M. Boyle '06 also signed the petition. "I feel that we're not getting as much one-on-one instruction time as we would with the lecture-recitation format," Boyle said. "TEAL would be more effective if Friday workshop were replaced with Friday recitation."

TEAL staff responds to input

Professor John W. Belcher is the principal investigator for the TEAL program. Belcher said he is aware of the complaints, and has arranged for "focus groups" with students and an impartial observer to discuss what works and does not work in 8.02.

Belcher said that the main complaints were the time allotted for

experiments, the use of Powerpoint presentations in lectures, and worksheets.

Belcher also said that modifications will be made after spring break. More time will be given for experiments so that that students can understand them "more in context," Belcher said. Powerpoint presentations will be left in favor of more board work. Meanwhile, the worksheets, which before were just checked for completion, will be graded during class.

"Spring break gives us a chance to reformulate things," Belcher said. "What we're doing is fine-tuning."

Dean for Undergraduate Education Robert P. Redwine said he was not surprised to see some criticism. "Whenever you introduce a drastic change, it's common to get a fair amount of negative response at first," Redwine said. "We certainly do plan to consider feedback."

TEAL set to expand to 8.01

Professor Marc A. Kastner, head of the physics department, said that the plan is to eventually merge 8.02X into the TEAL program, leaving 8.022 as the only alternative to the TEAL version of 8.02.

As for 8.01, the Physics department performed a small-scale project with 8.01 TEAL this fall, and plans to convert the entire 8.01 program to TEAL in the fall of 2005.

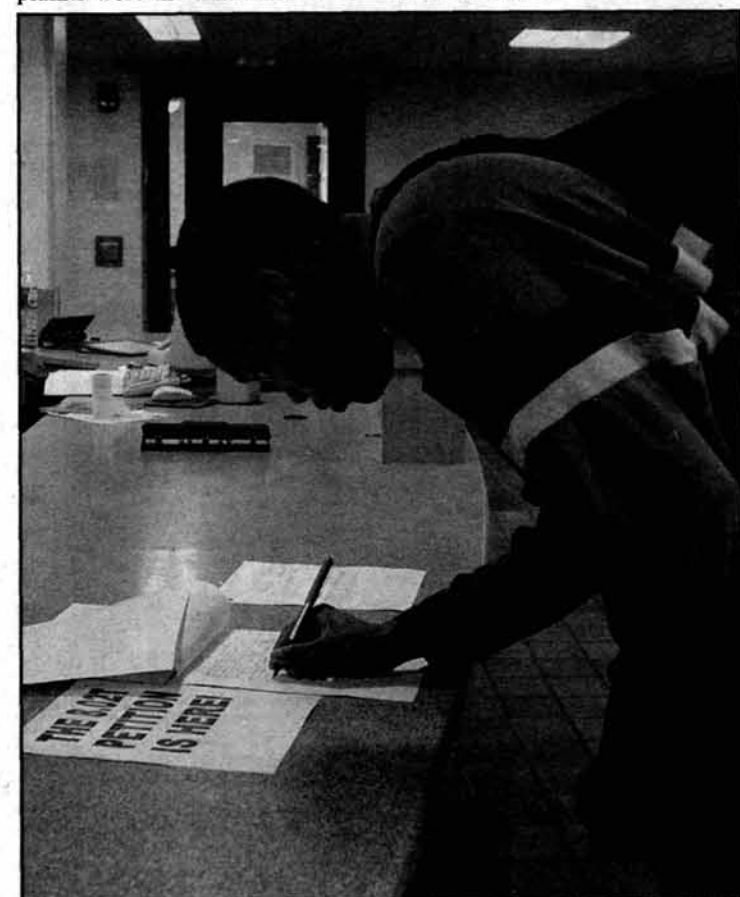
Professor David S. Jerison, a mathematics professor and member of the Committee on the Undergraduate Program, said that though the committee does not have direct control over the TEAL program, that it does have the power to withhold further funding to expand TEAL.

Jerison said the Mathematics department, though far from perfect, offers "competing flavors" of its classes to give students a choice on which format they would like to try.

TEAL began in 2001

The TEAL program began in 2001 with grants from iCampus and the d'Arbeloff fund.

TEAL combines computer problems, hands-on experiments, and group activities into the normal class time. MIT spent \$1.5 million to renovate 26-152, changing the physics reading room into the current TEAL room.



Clifford Choute '04 signs a petition regarding the TEAL version of the freshman physics class 8.02. The petition asks that TEAL not be integrated into 8.01 and that it be optional for 8.02.

Eloranta Summer Research Fellowships

Several **\$6,000** summer research fellowships, intended to encourage challenging intellectual activity during the summer months, are available to MIT undergraduates. Areas of study or research may be in any field: science, engineering, the humanities, arts, or the social sciences. Originality is important. The planned activity must be student organized or student-directed.

All MIT undergraduates are eligible, including those whose planned research begins the summer immediately following graduation.

How to Apply: A well-written proposal presenting a concise research plan should be submitted by the deadline to the UROP Office, 7-104. At least one letter of recommendation or support for the proposed research is needed, from an MIT faculty member. This letter may accompany the proposal or be mailed separately. A budget should be included with the proposal. Award Winners are chosen by the Eloranta Fellowship Committee at the end of April.

Contact: Staff in the UROP Office, 7-104, x3-7306, <urop@mit.edu>. For additional details, please see the Eloranta website, <web.mit.edu/eloranta/>.

Deadline: April 4, 2003.

**The Zeta Mu chapter of
Kappa Alpha Theta
congratulates its new sisters,
initiated on March 15th, 2003:**

Mabel Feng	Suege Omnik
Jina Kim	Arlis Reynolds
Anita Kris	Tiffany Seto
Valerie Kuo	Orit Shamir
Ingrid Lawhorn	Linda Tao
Lucy Li	Alison Taylor
Shirley Li	Lucia Vielma
Janice Lin	Jennifer Wong
Diana Lo	Kimberley Wu
Marta Luczynska	Irene Yen
Juliana Olmstead	Tiffany Yu

A special congratulations to our new member education team:

Mindy Ju and Rubi Rajbanshi

Tech News Hotline - x3-1541

Royal Bengal (India)

Boston's only authentic Bengali Cuisine restaurant

Open Daily Except Monday
11:30 am - 11:30 pm
Lunch Buffet \$5.95
Reasonably Priced Dinners

313 Mass. Ave., Cambridge
(617) 491-1988
T: Red Line, Bus #1 - Central Square

Unique Bengali fish dishes include
Paabda maachher jhol, Rui maachher
kalia, Moehar gauto, Shorshe Ilish

Take-out, platters, and catering available. Delivery with minimum order.
15% Discount on \$30 (or more) order with MIT ID.

"STOMP IS BLAZING THEATRE!
Amusing, amazing and visually dazzling!"

Ed Siegel, The Boston Globe, February 2003

**STUDENT RUSH
TICKETS
ONLY \$25!**

**"STOMP MAKES
BEAUTIFUL MUSIC!
Joyful, boisterous fun!"**

Robert Nesti, Boston Herald

STOMP

NOW PLAYING TUES-FRI 8PM, SAT 5 & 9PM, SUN 3 & 7PM

Telecharge.com: 800-447-7400 Groups: 617-426-4499 x25
stomponline.com

STUART STREET
PLAYHOUSE

200 Stuart St., Radisson Hotel Boston
Self Park at 200 Stuart Street Parking for only \$6.00

*Avail 1/2 hour prior to showtime at box office. Must show id. Cash Only.

**News ♦ Photography
Features ♦ Arts ♦ Opinion
Comics ♦ Sports ♦ Science**

Production

We make *them*
look good.

Want to join the production staff of *The Tech*?
Come by room W20-483 and ask for Joy.



<join@the-tech.mit.edu>



REGINA CHEUNG—THE TECH

Despite warmer temperatures, the ice on the Charles River in front of MIT has not thawed completely, a testament to cold temperatures of the past few weeks.

Another Arts Success Story !!!!!
(Next Grants Deadline: April 4 !!!!)



My days were filled with frustration - could anyone understand how I yearned to express myself artistically?

One day my office mate, Ted, seemed particularly fulfilled....

Why so happy, Ted?

I just got funding for my video project!

Wow! How did that happen?

I applied to the Council for the Arts at MIT Grants Program!!

I stopped by E15-205, the Office of the Arts.

Just fill in an application form and supply some supporting material...

Like my resume? And letters of recommendation?

About a month after the deadline, it was time to meet with a member of the Council to talk about my project

I brought a tape of some of my previous work and those updated budget figures you asked for!

My site visit with the Grants Committee member went well. Encouraging? And how!

Bill, I am confident that your song cycle, "Problem Sets," will have a great deal of relevance for many MIT students....

The next day....



I got the Grant! Now my artistic yearnings won't wither and die due to lack of funds!

That's right! You, too, can be part of an

ARTS SUCCESS STORY!!!
Apply to the Council for the Arts at MIT Grants Program!!!!!!

We strongly suggest that you make an appointment to discuss your application. Please contact Susan Cohen at: cohen@media.mit.edu

<http://web.mit.edu/arts/grants/grantguide.html>

MIT Offers Students Spots in Class of '07

By Lakshmi Nambiar
STAFF REPORTER

MIT offered admission to only 16 percent of its applicants for the Class of 2007, extending offers to 1,735 of the 10,547 students who applied.

Dean of Admissions Marilee Jones said she expected 58 percent of these students to accept the offer, yielding a class of approximately 1,000 students, 20 more than the Class of 2006. "There are a lot of moving parts that we don't quite have a grip on," Jones said. "Women yield differently than men. Scientists yield differently than engineers. Those seeking financial aid yield differently from those that do not."

Class nearly half valedictorians

As usual, the prospective incoming class represents some of the country's top students. Ninety-three percent of admitted students are in the top five percent of their classes and 44 percent are valedictorians.

The mean SAT score for admitted students is 721 Verbal and 760 Math. Seventeen percent of admitted students are members of under-represented minority groups.

Offers of admission were given to 850 women and 885 men, representing all 50 states and 59 countries and territories.

On the applications, 51 percent of admitted students indicated plans to pursue a major in the School of Engineering; 37 percent marked the School of Science; three percent indicated the Sloan School of Management; four percent chose the School of Humanities, Arts, and Social Sciences; three percent selected the School of Architecture and Planning; and two

percent did not make a selection.

The states most heavily represented in the group of admitted students are California, New York, Massachusetts, Texas, and New Jersey.

MIT seeks students seeking MIT

"We want kids who are passionate about what they do," said Admissions Counselor Amrys O. Williams G. "It can be impressive but less compelling to see a student with a long list of accomplishments. There's no passion or sense of fulfillment there."

Jones said that the Institute was seeking more students who fit the traditional MIT mold.

"We're looking a little deeper for that old fashioned Techie, the natural engineer who walks a different line," Jones said. "We're looking for students that love what we do — hands-on kids."

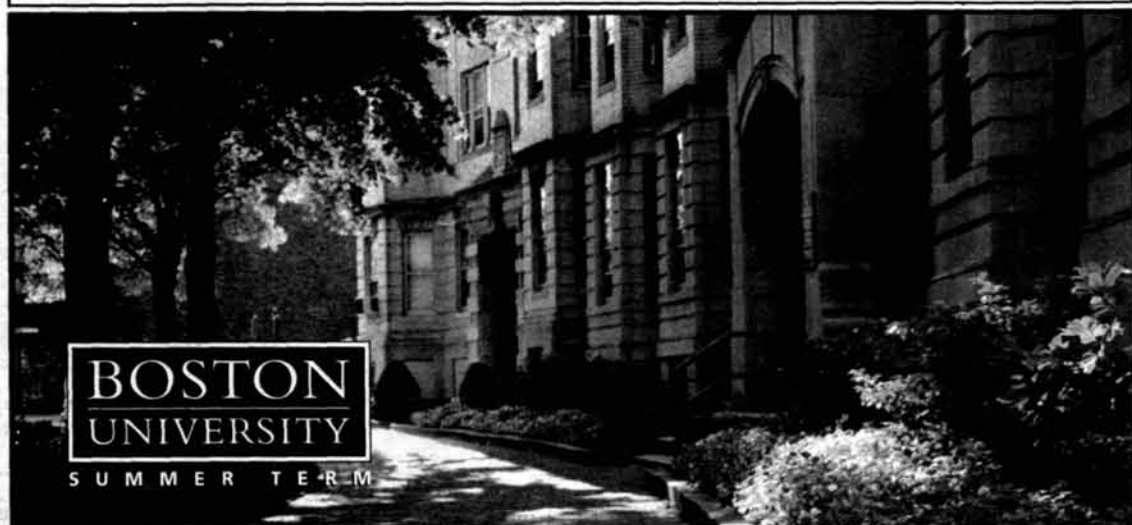
However, despite the obvious distinctions between the two schools, Jones said that MIT's most direct competition was Harvard.

Jones said that this year MIT especially sought students who wanted specifically to come to MIT. "What's different is that we are making an effort to admit students who really want to come here, and not just add another prestige school to their list of accomplishments," Jones said. "This university is a national treasure. This isn't just any place."

Dustin Rabideau, an admitted student from Sanford High School in Sanford, Maine, is "almost sure" he will attend MIT.

"I applied to MIT because of the challenging environment. There is also the prestige of the school and the great location," Rabideau said.

N I 3 G 8 8 0 I O N E



Boston University SUMMER TERM 2003

Experience a Boston Summer!

Call us at **617-353-5124** or visit the Summer Term website at:

www.bu.edu/summer

Boston University is an equal opportunity/affirmative action institution and employer.

Have a nice day!

NCAA Division I Men's Bracket





NATHAN COLLINS—THE TECH

Clockwise from top left:

Protesters shout anti-war slogans while marching down Boylston Street yesterday.

A protester voices her opinion with a sign.

Protesters march towards Government Center.

See story, page 1, and photo spread, page 10.



REGINA CHEUNG—THE TECH



NOEL DAVIS—THE TECH

**COME TO THE COFFEEHOUSE
AFTER SPRING BREAK
FOR FREE COFFEE,
SNACKS, AND
MUSIC!**



24-hour
coffeehouse
1972-2002

**MIT Songwriting Club
presents...**

TRIBUTE CONCERT for the COFFEEHOUSE
MARCH 31st (First MONDAY after Spring Break)

ON-LOCATION!

7pm-10pm

FEATURING:

- * Dan Katz
- * Cephalopod (Eric Gunther + Justin Manor)
- * Vienna Teng

ALSO:

FREE
coffeehouse-style
coffee/muffins/scones

**FREE and
open to
the MIT
community**

Check out
<http://web.mit.edu/songwriting/www>
for more details.

co-sponsored by the Undergraduate Association, MIT Artists Behind the Desk Committee,
MIT Audio Visual Services, and the MIT Council for the Arts.